

FIGURE 2

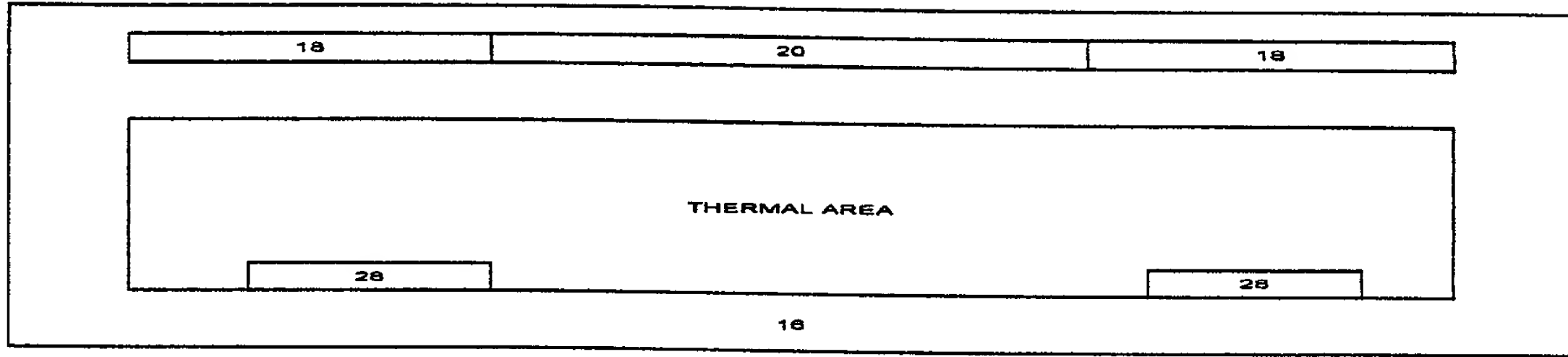


FIGURE 3

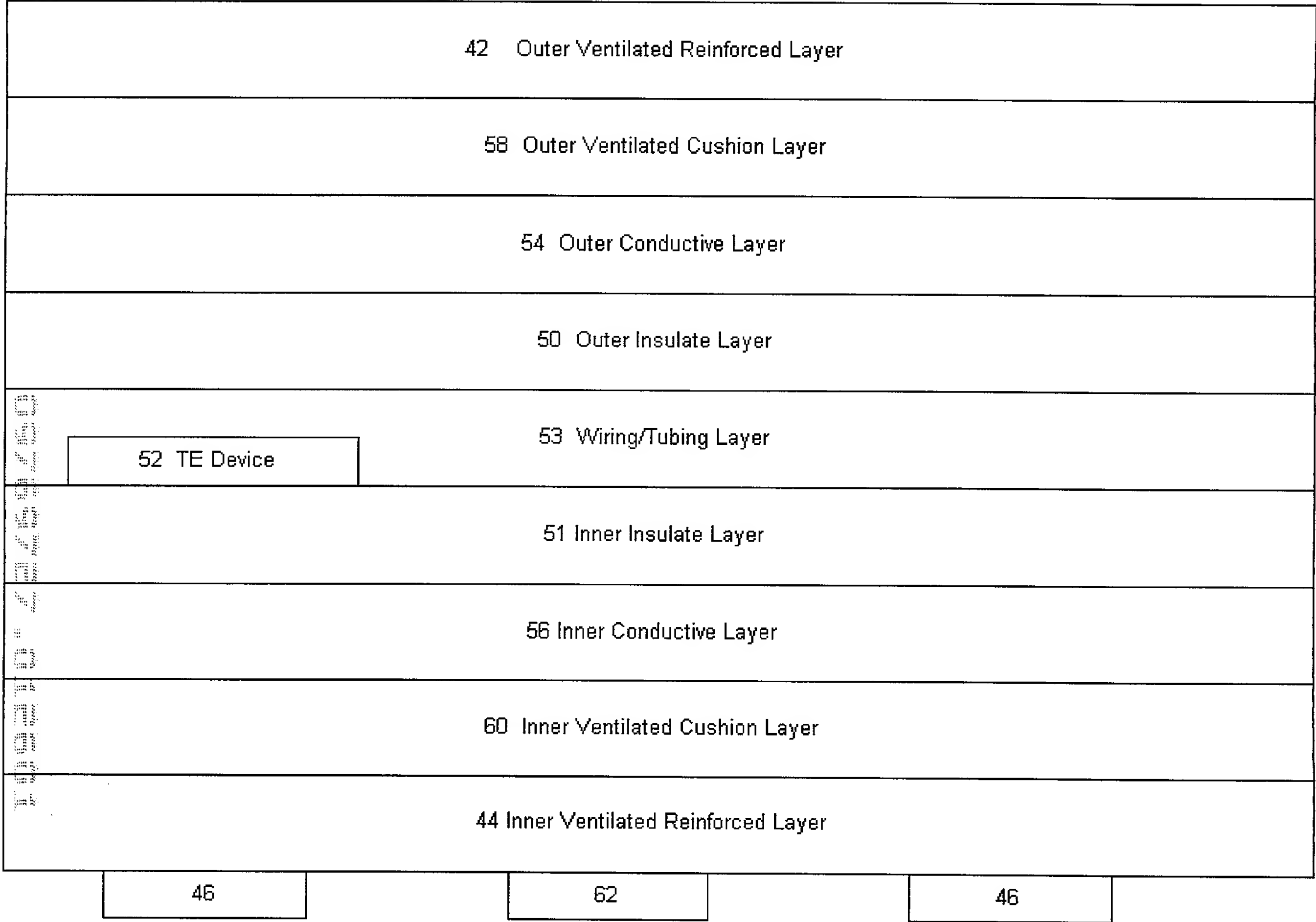


FIGURE 4A

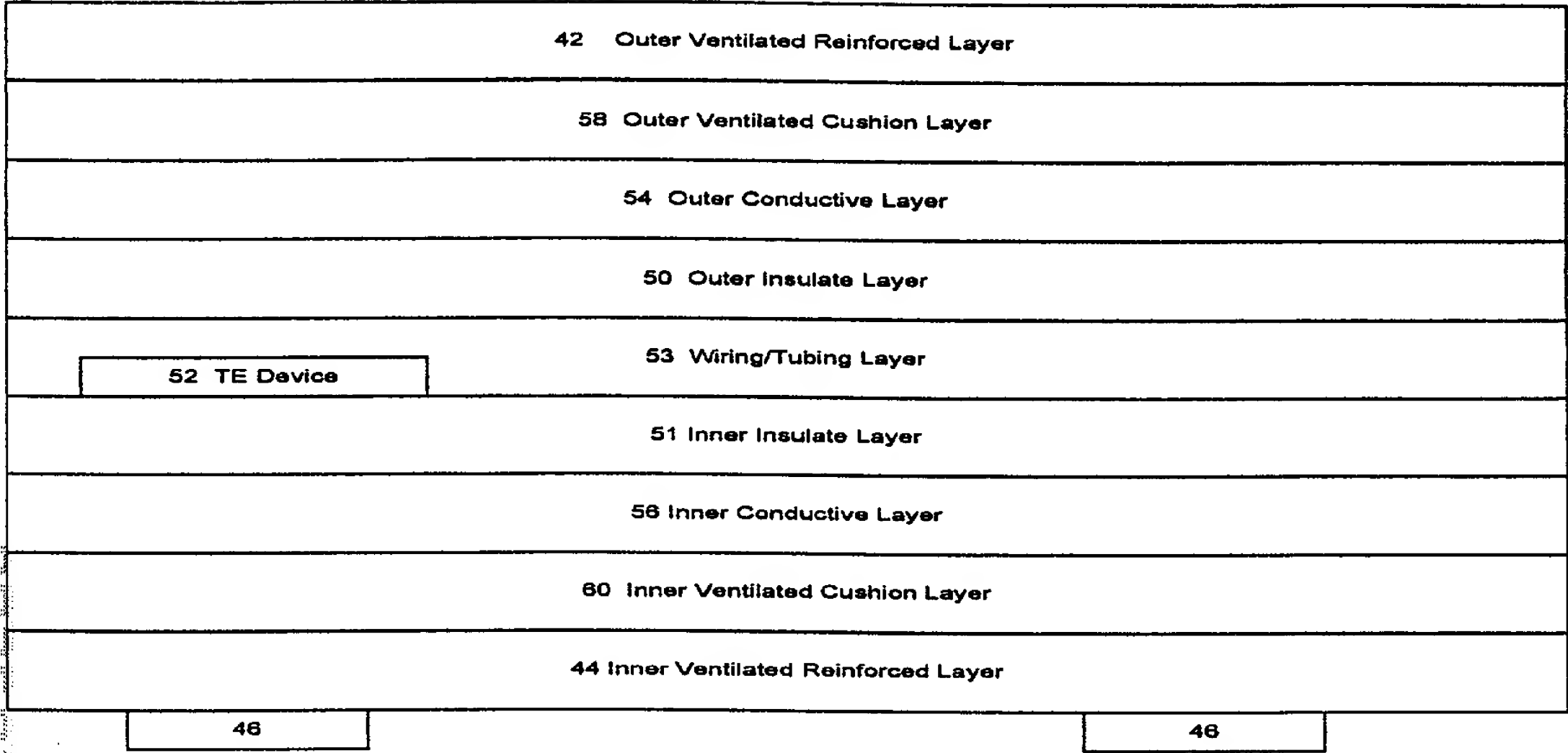


FIGURE 4B

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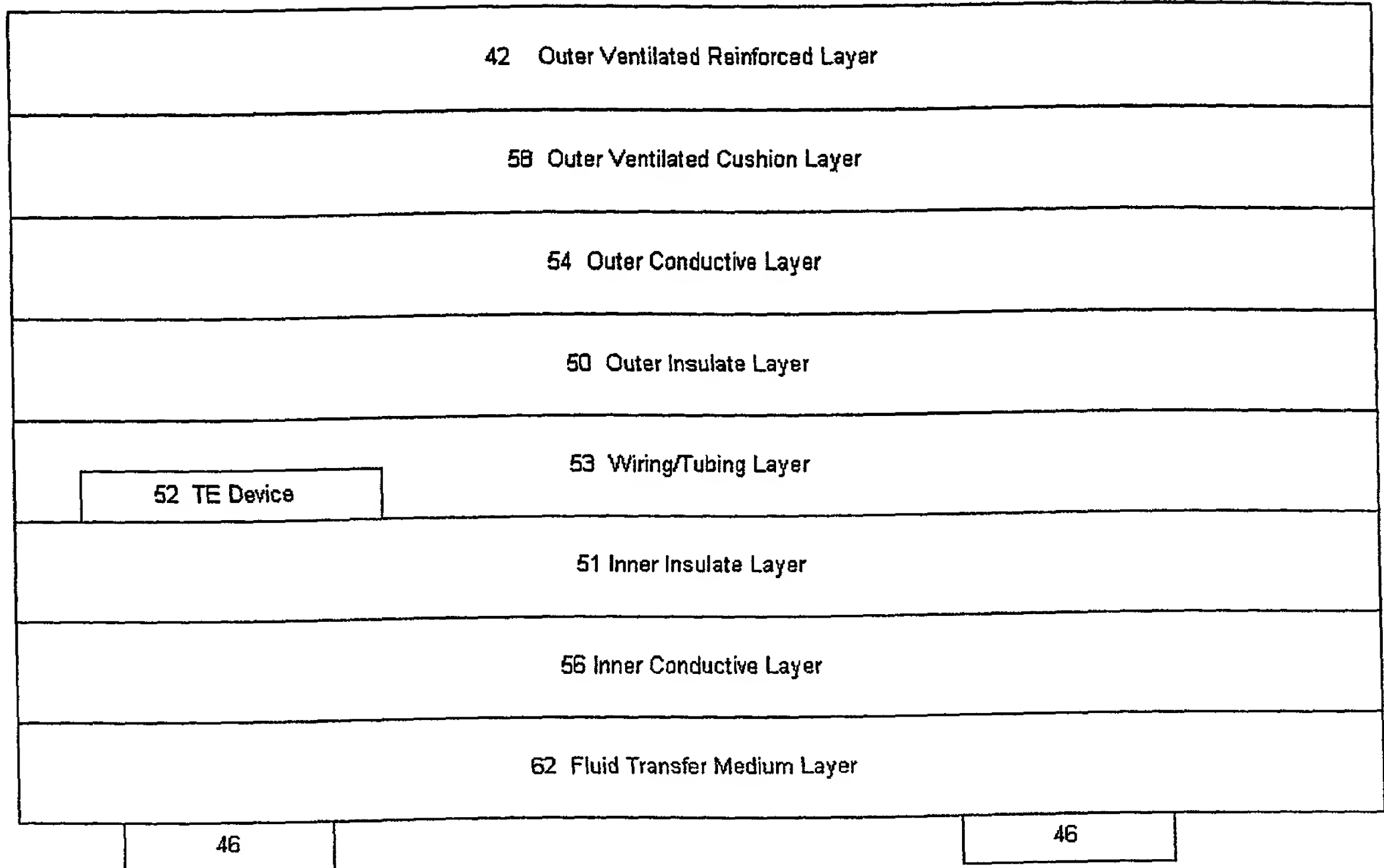


FIGURE 4C

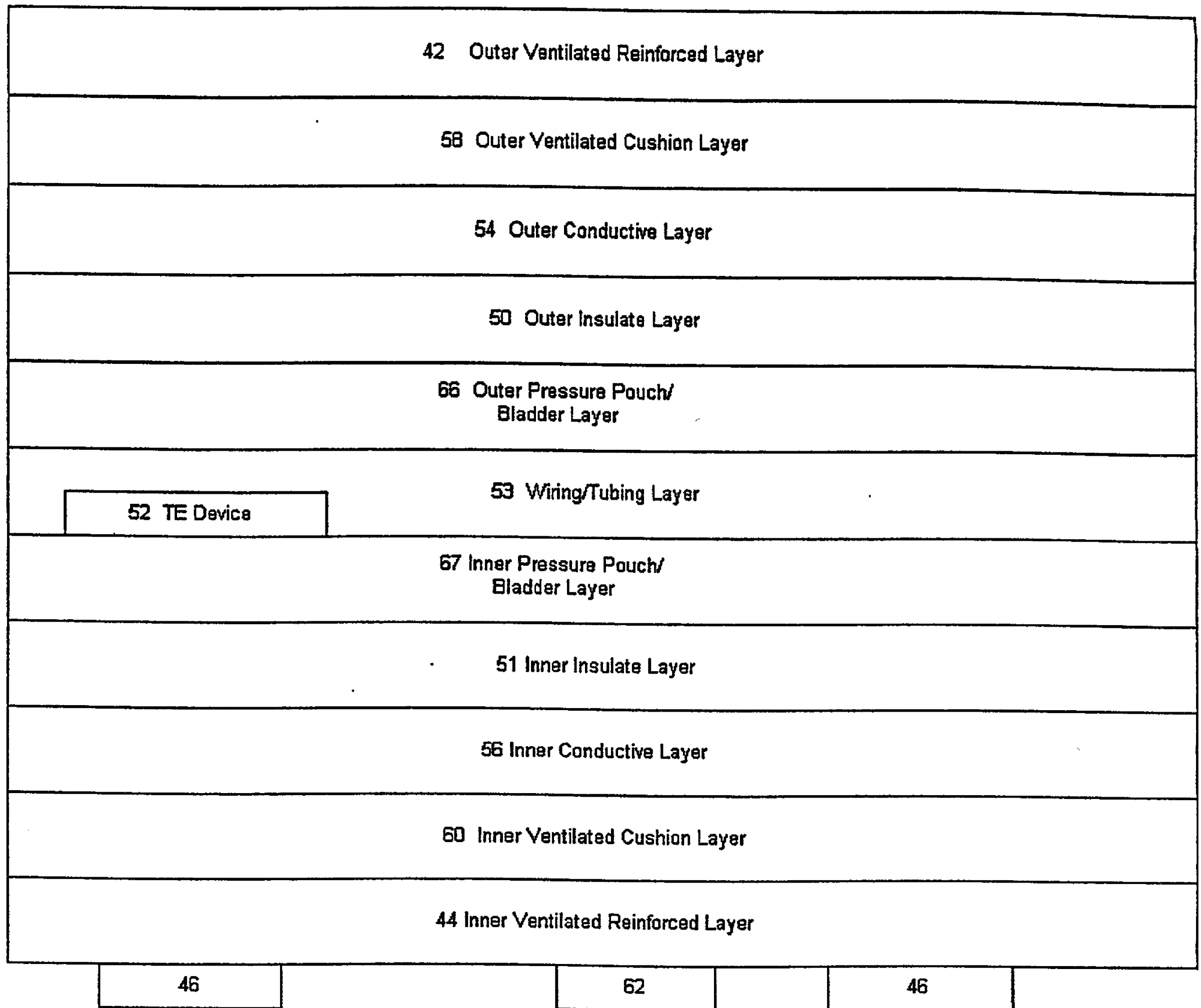


FIGURE 4D

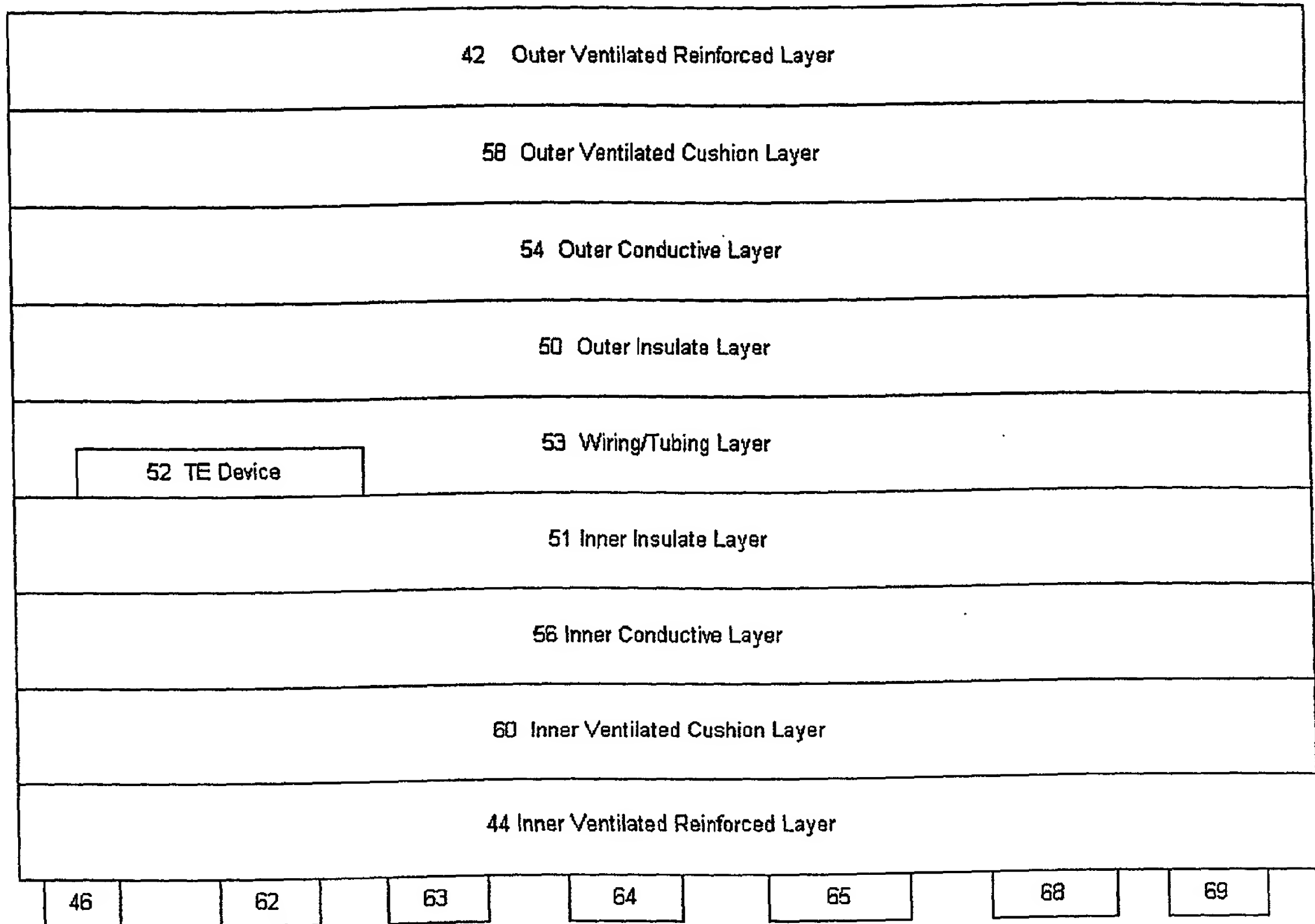


FIGURE 4E



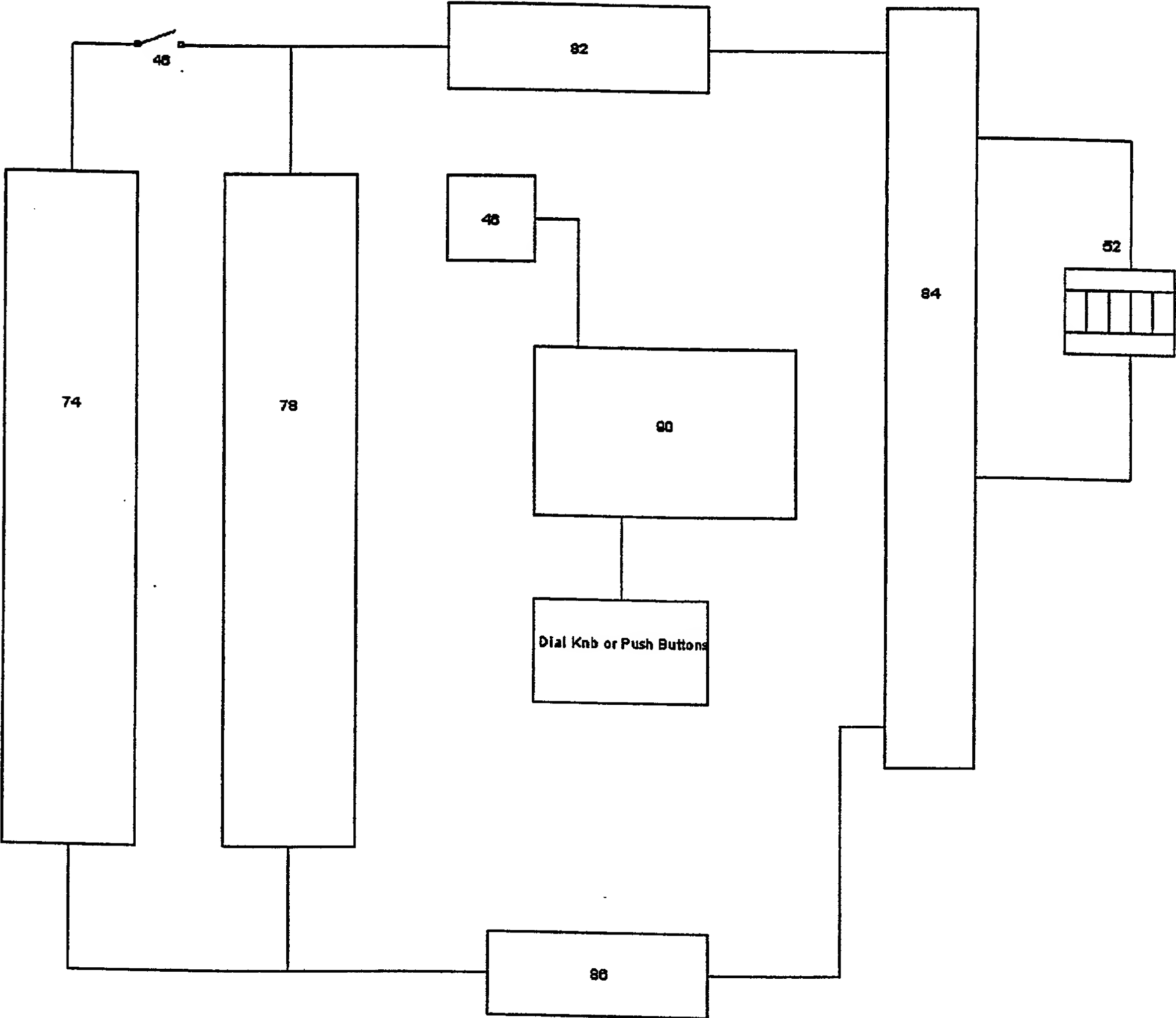


FIGURE 5

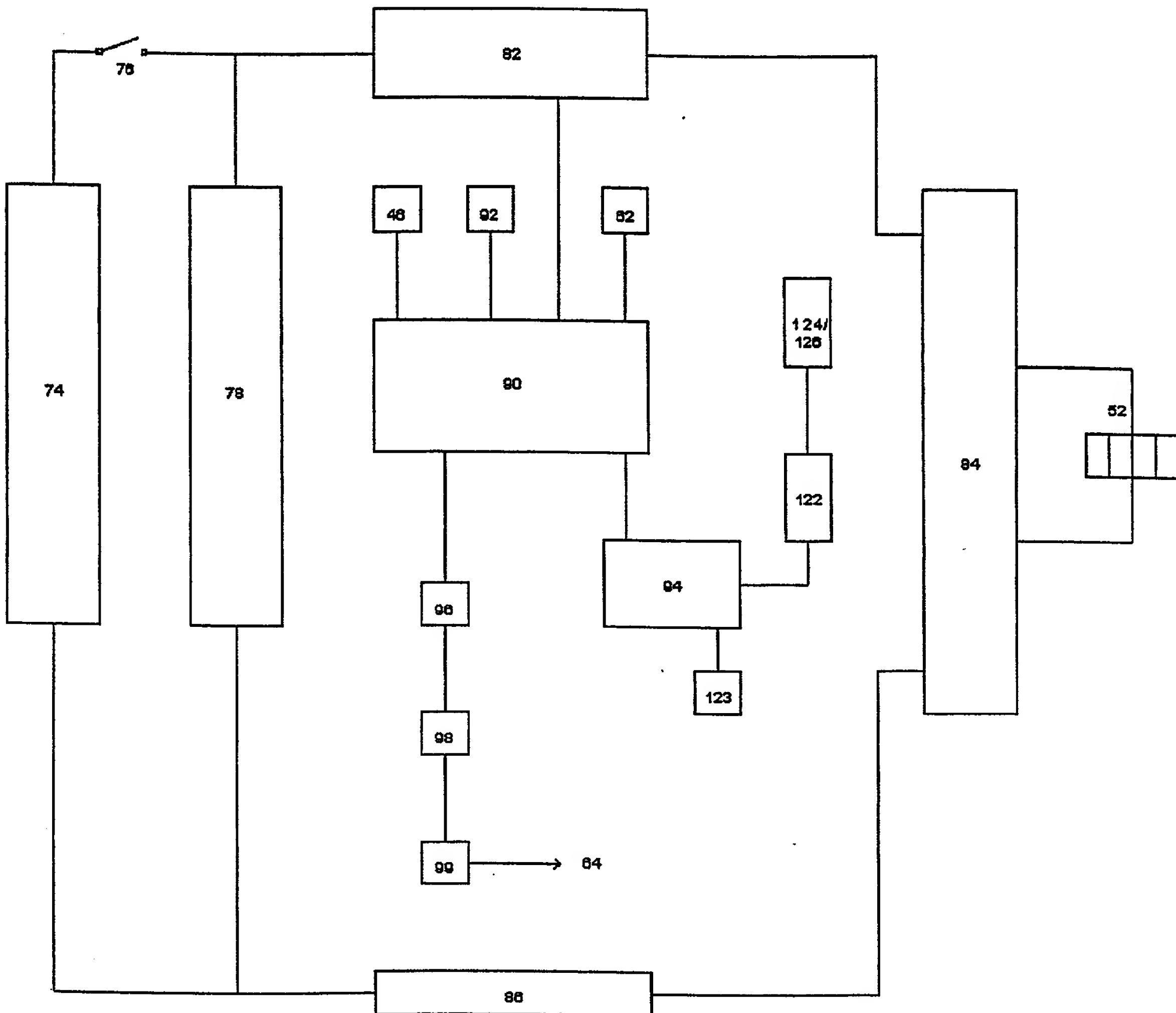


FIGURE 8

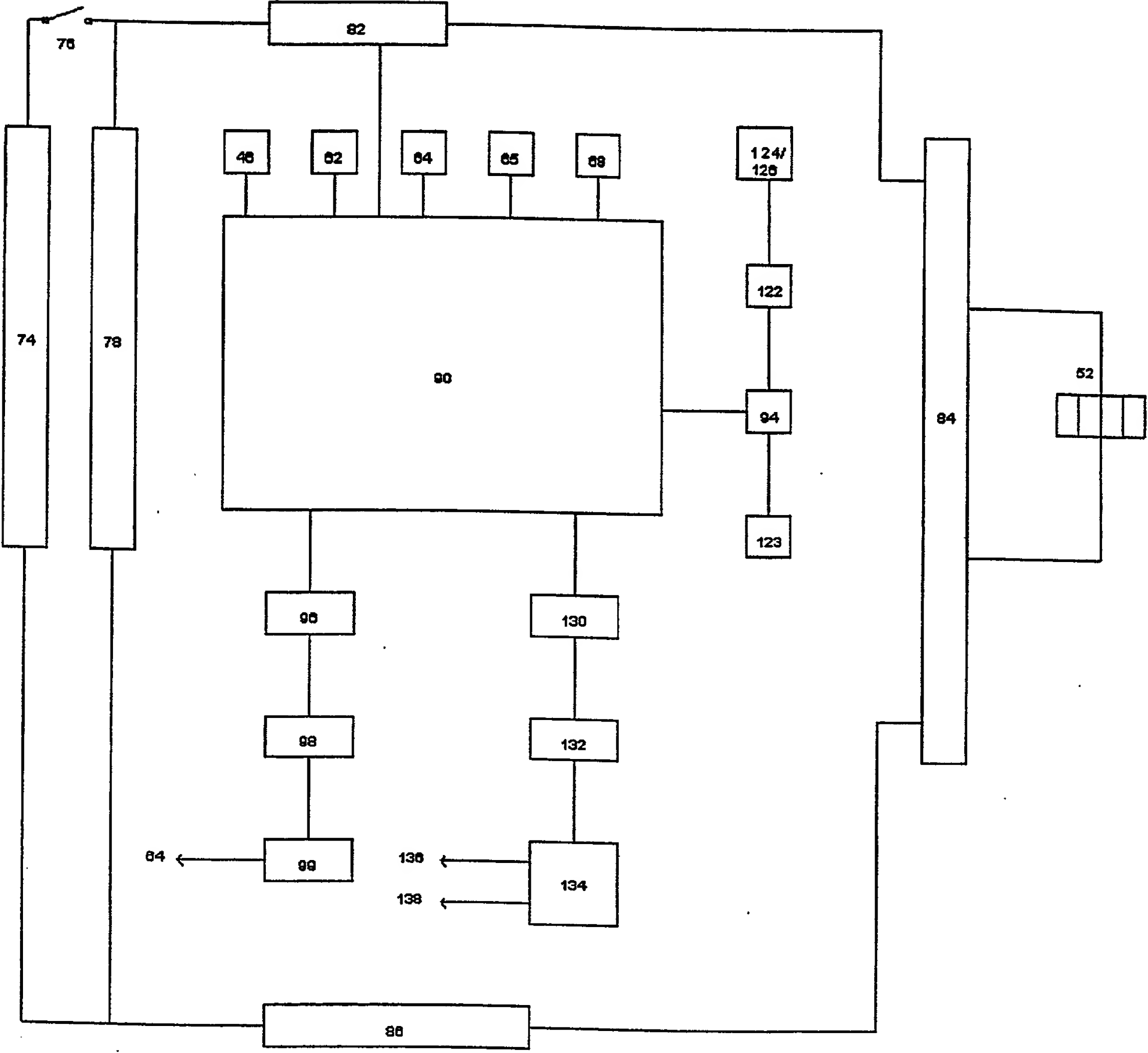


FIGURE 7

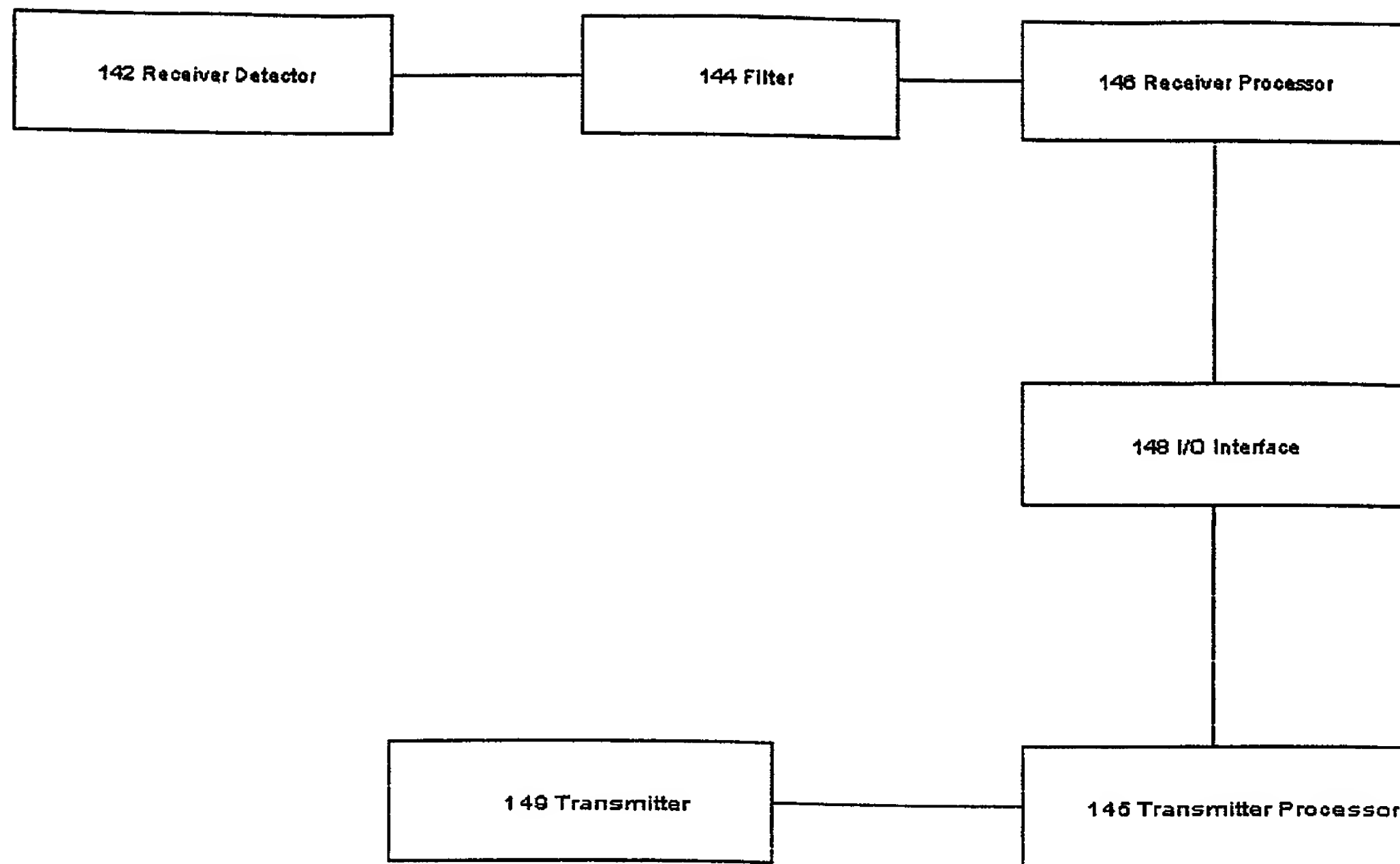


FIGURE 8

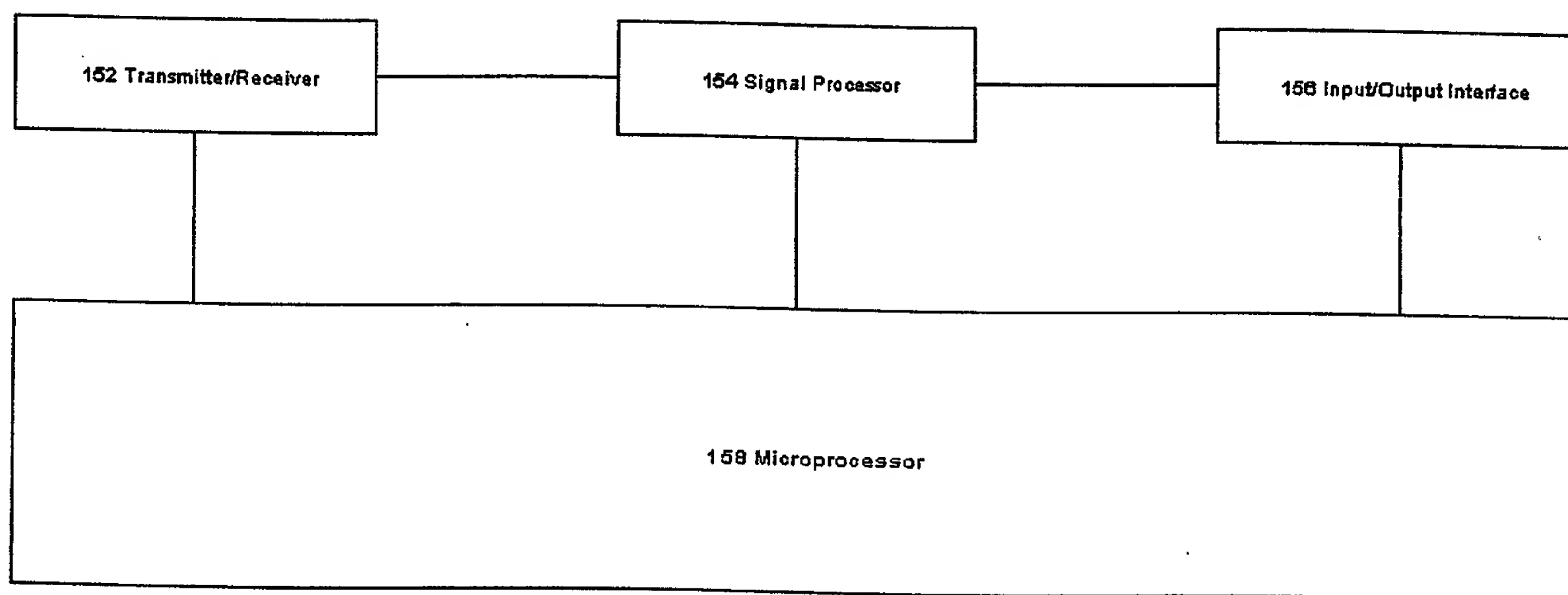


FIGURE 9

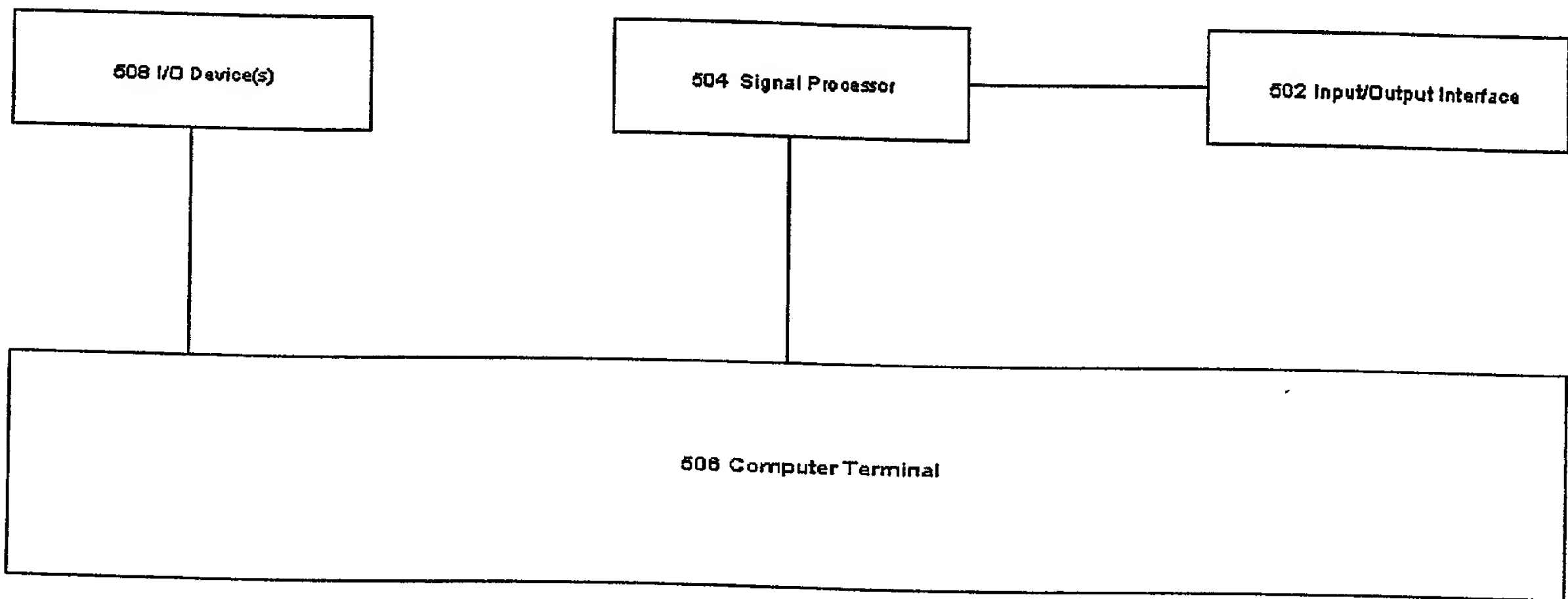


FIGURE 10

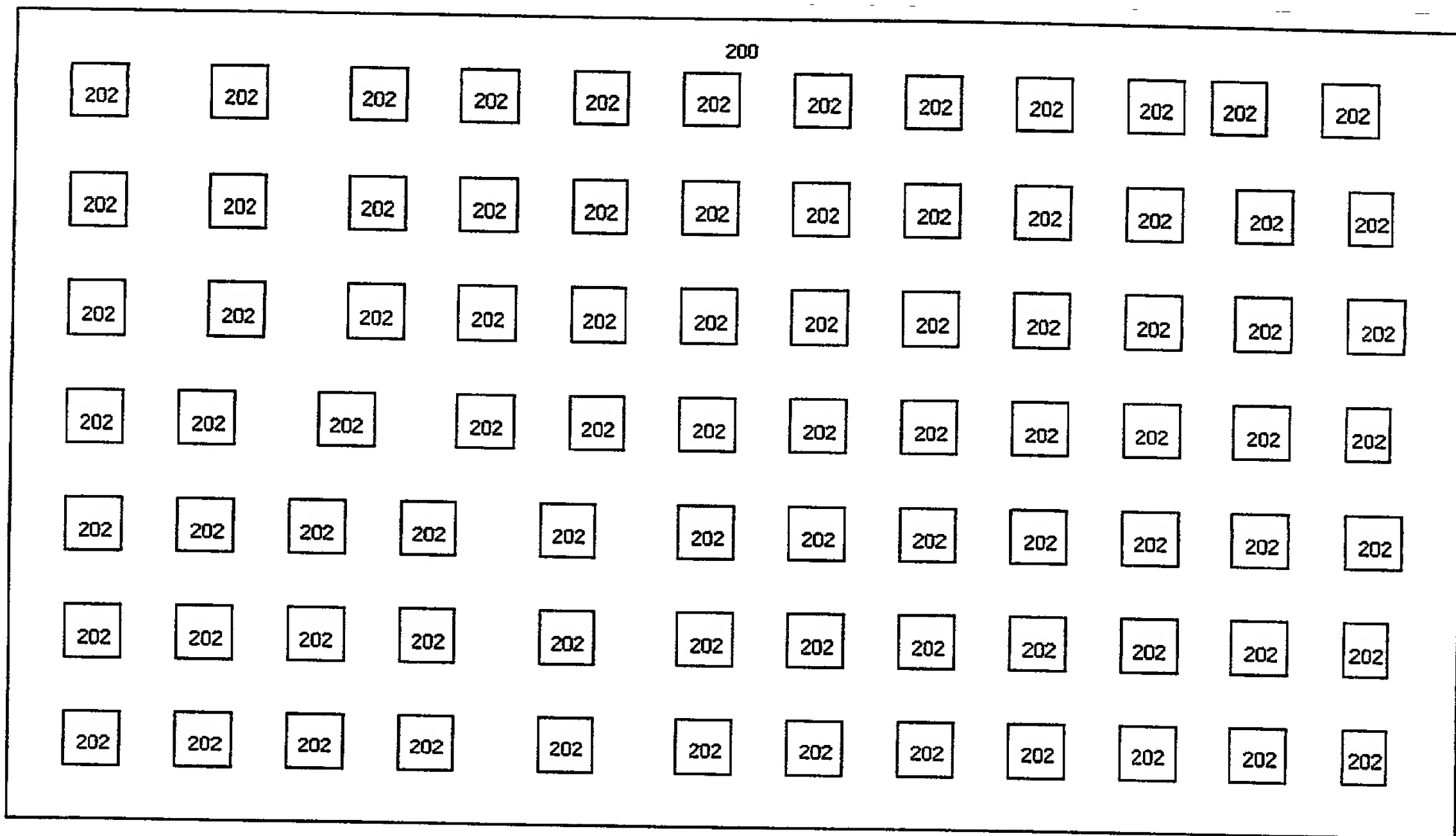
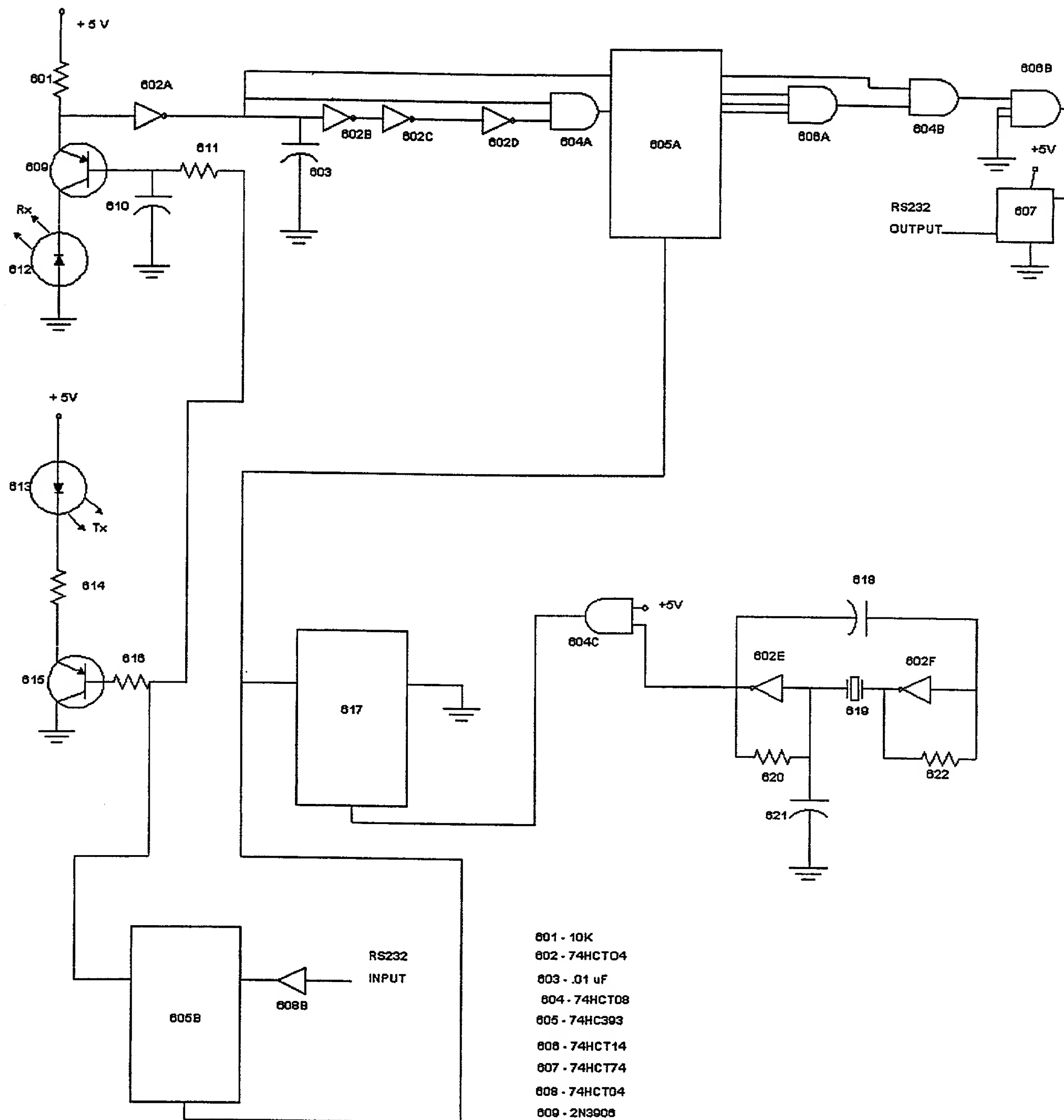


FIGURE 11



- 601 - 10K
- 602 - 74HCT04
- 603 - .01 uF
- 604 - 74HCT08
- 605 - 74HC393
- 608 - 74HCT14
- 607 - 74HCT74
- 608 - 74HCT04
- 609 - 2N3906
- 610 - .1 uF
- 611 - 1 K
- 612 - IRD300
- 613 - SLI-0308CP
- 614 - 47 K
- 615 - 2N3904
- 616 - 1 K
- 617 - 74HC393
- 618 - .0022 uF
- 619 - 2.457 MHz XTAL
- 620 - 1 K
- 621 - 220 pF
- 622 - 1 K

FIGURE 12



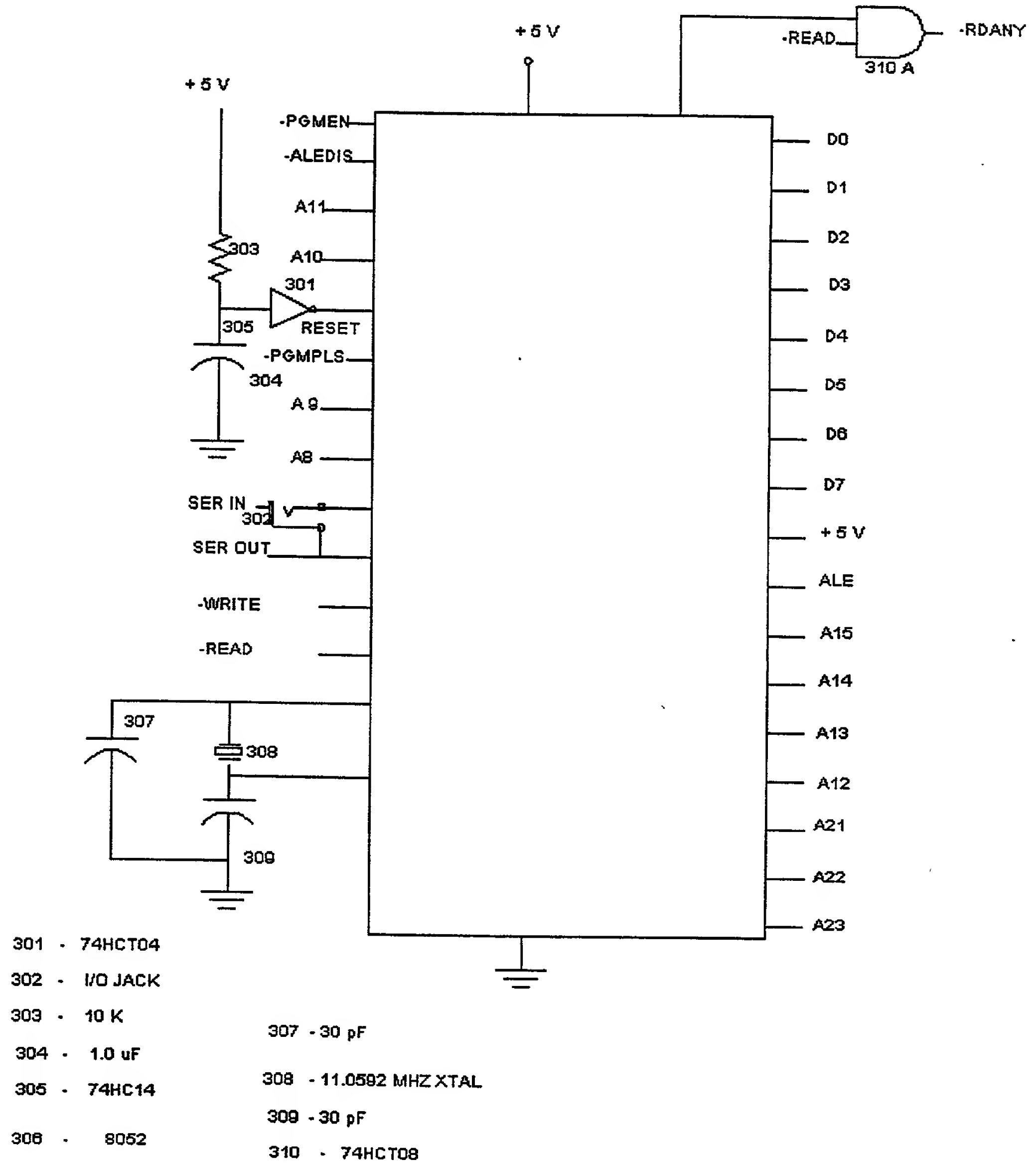
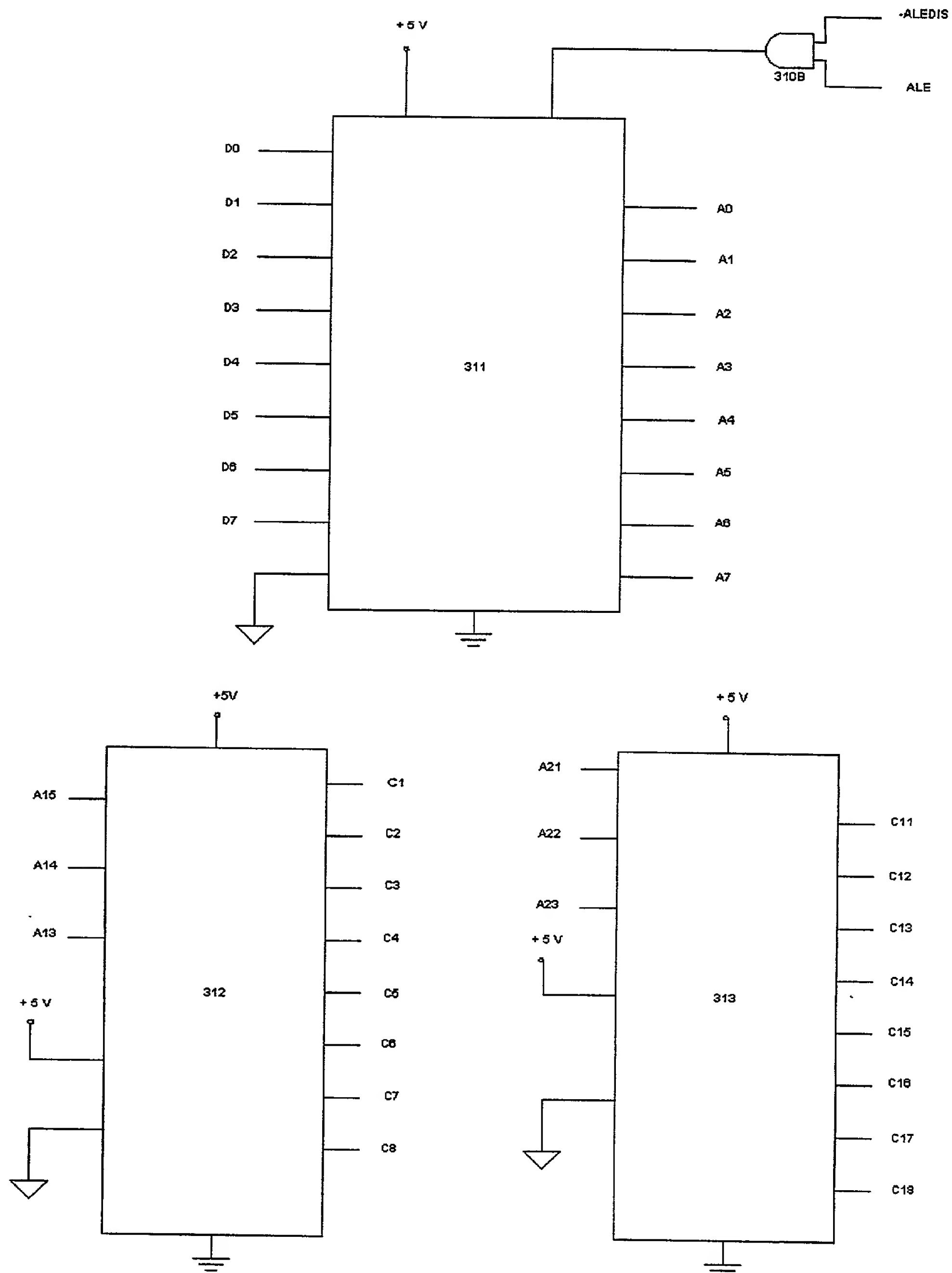


FIGURE 13



311 - 74HCT373

312 - 74HCT138

313 - 74HCT138

FIGURE 14

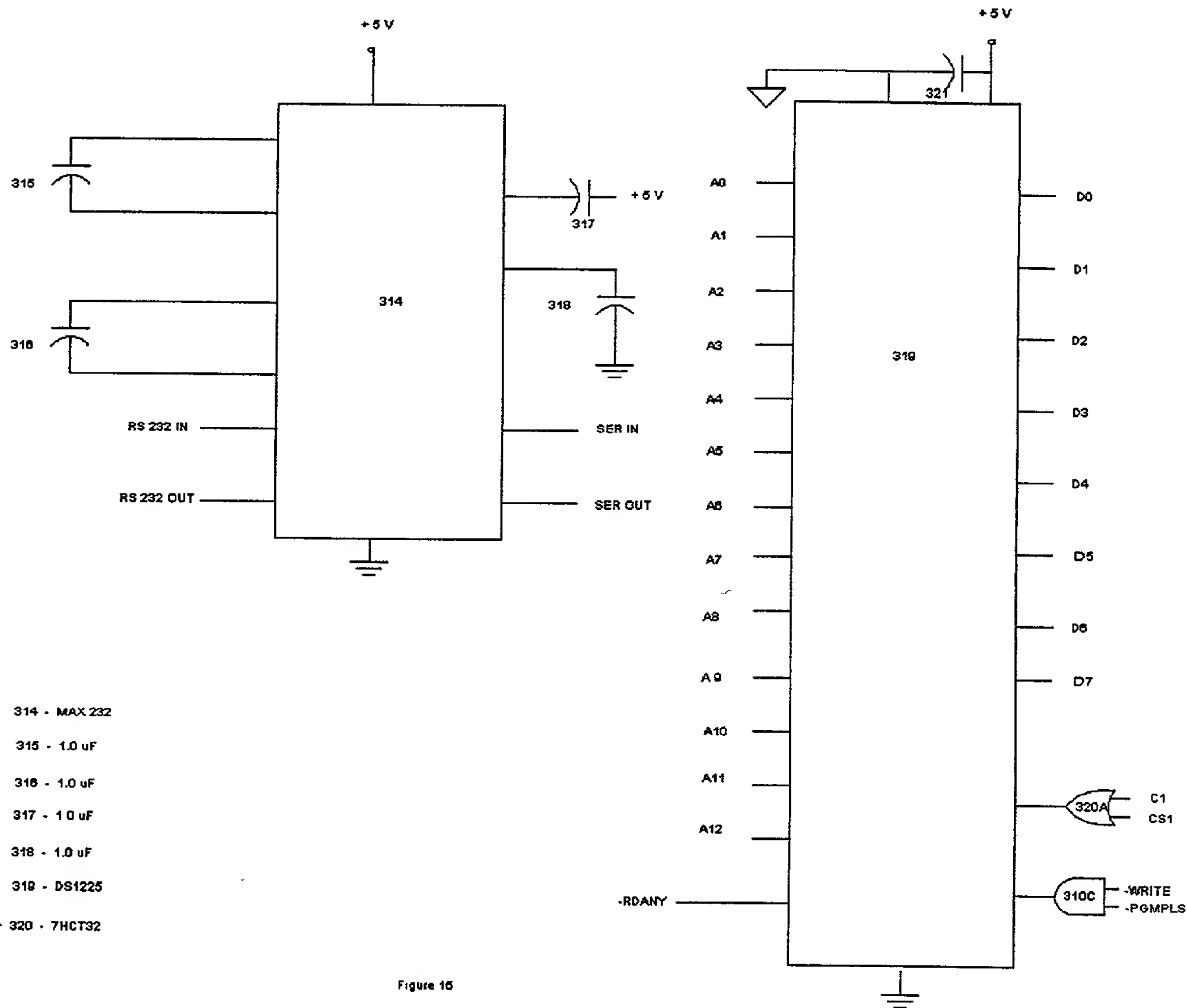
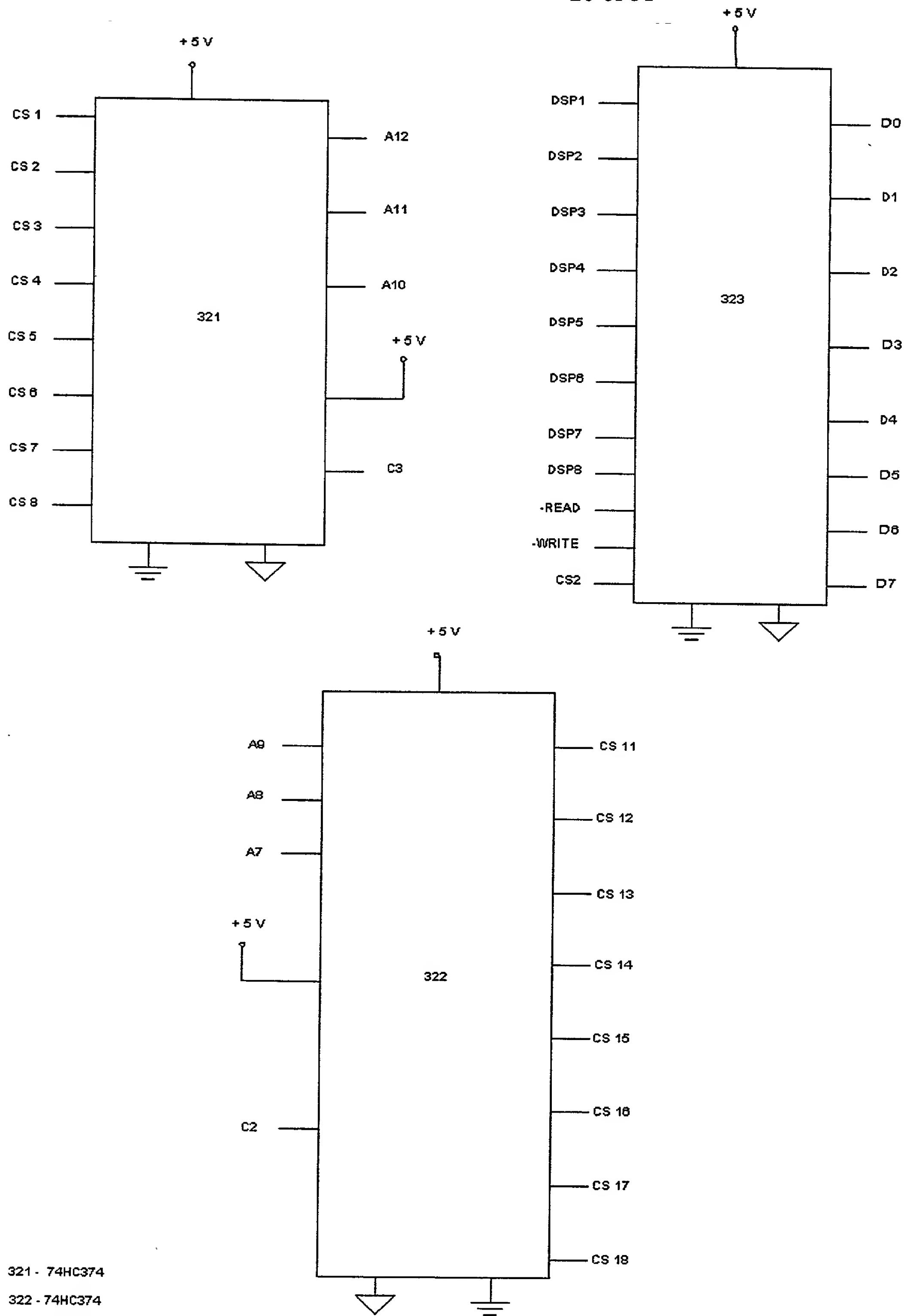


Figure 15

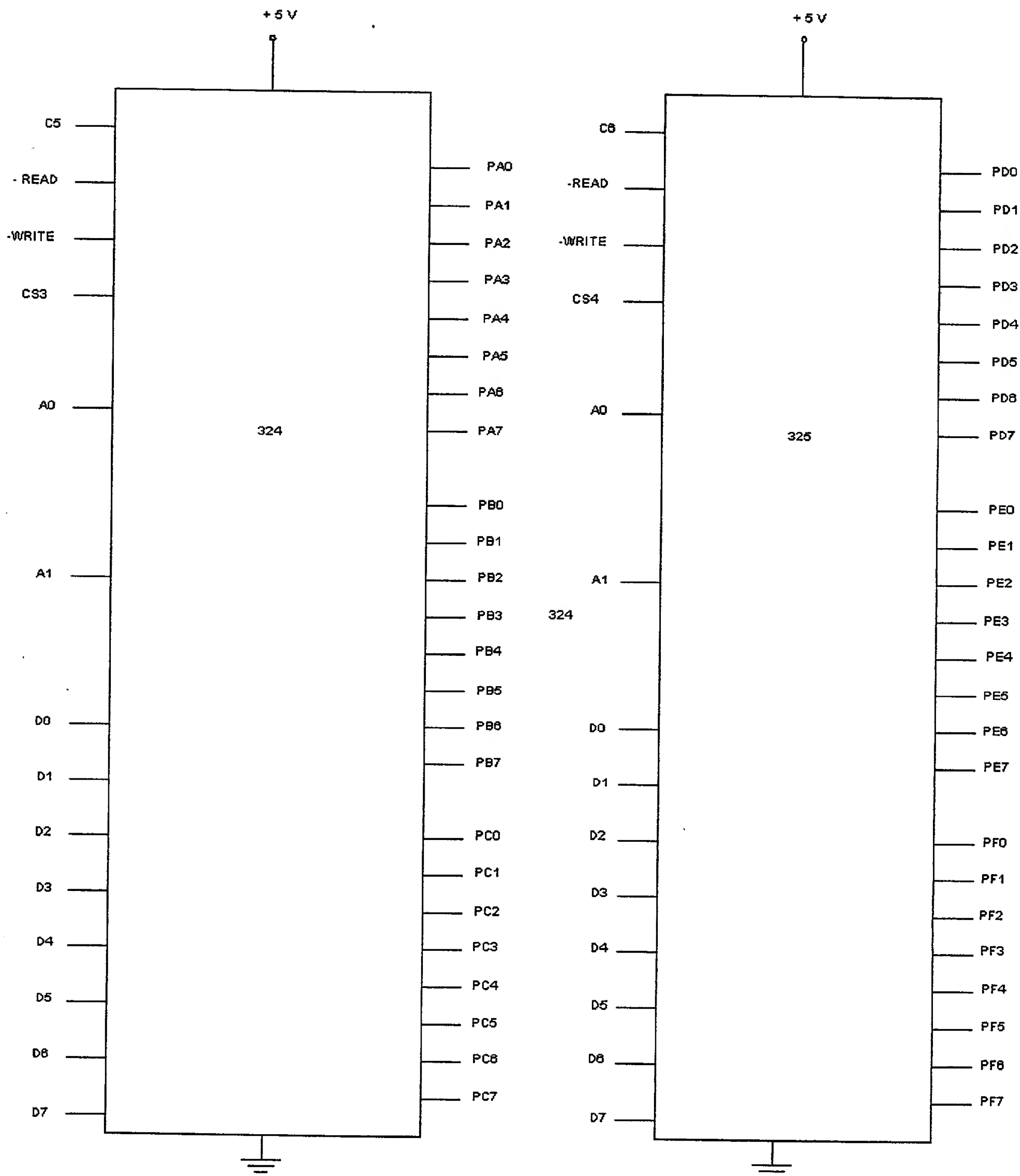
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321 - 74HC374  
 322 - 74HC374  
 323 - ADC0848

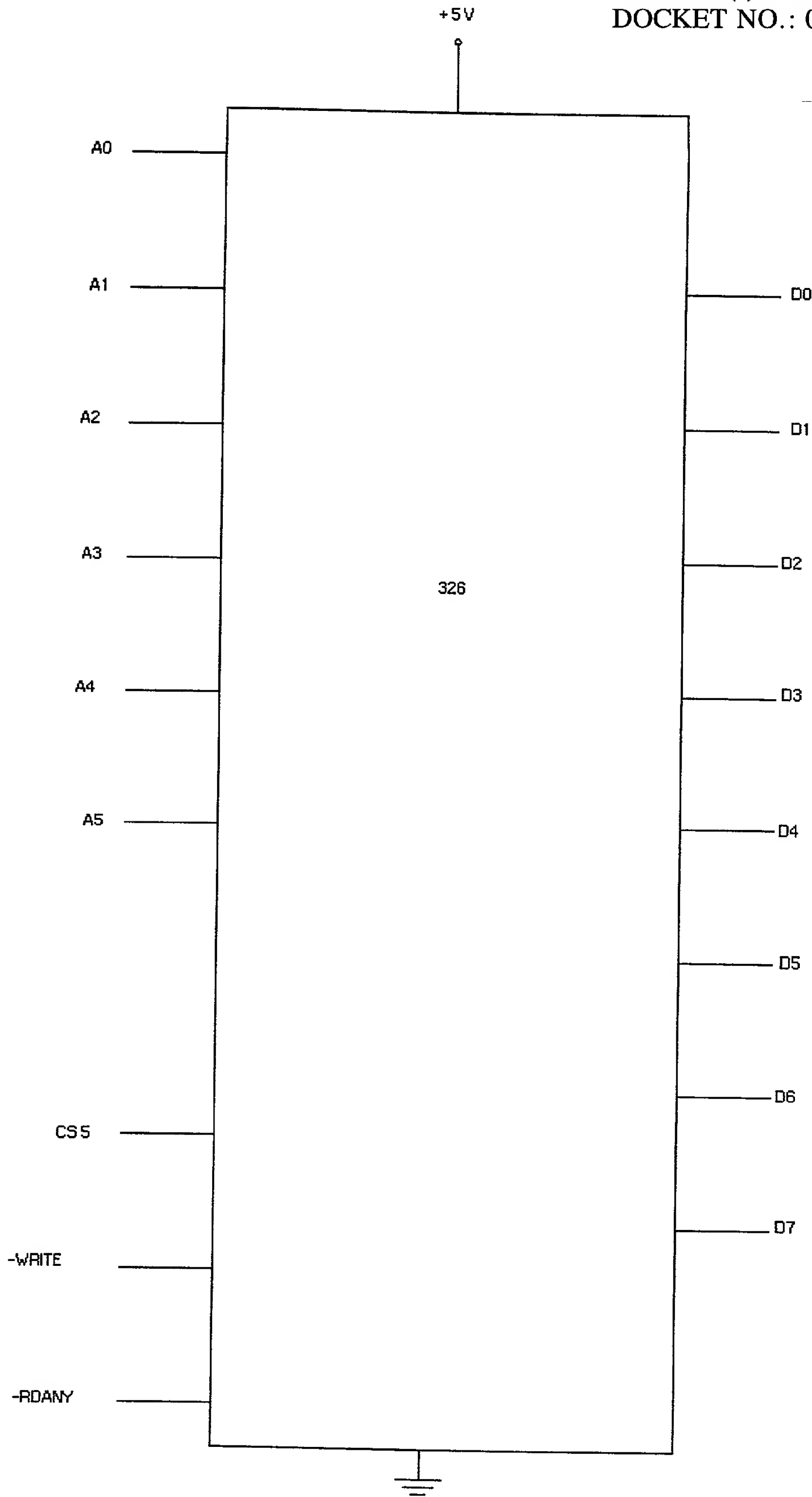
FIGURE 18



324 - 82C55

325 - 82C55

Figure 17



326 - DS1286

Figure 18

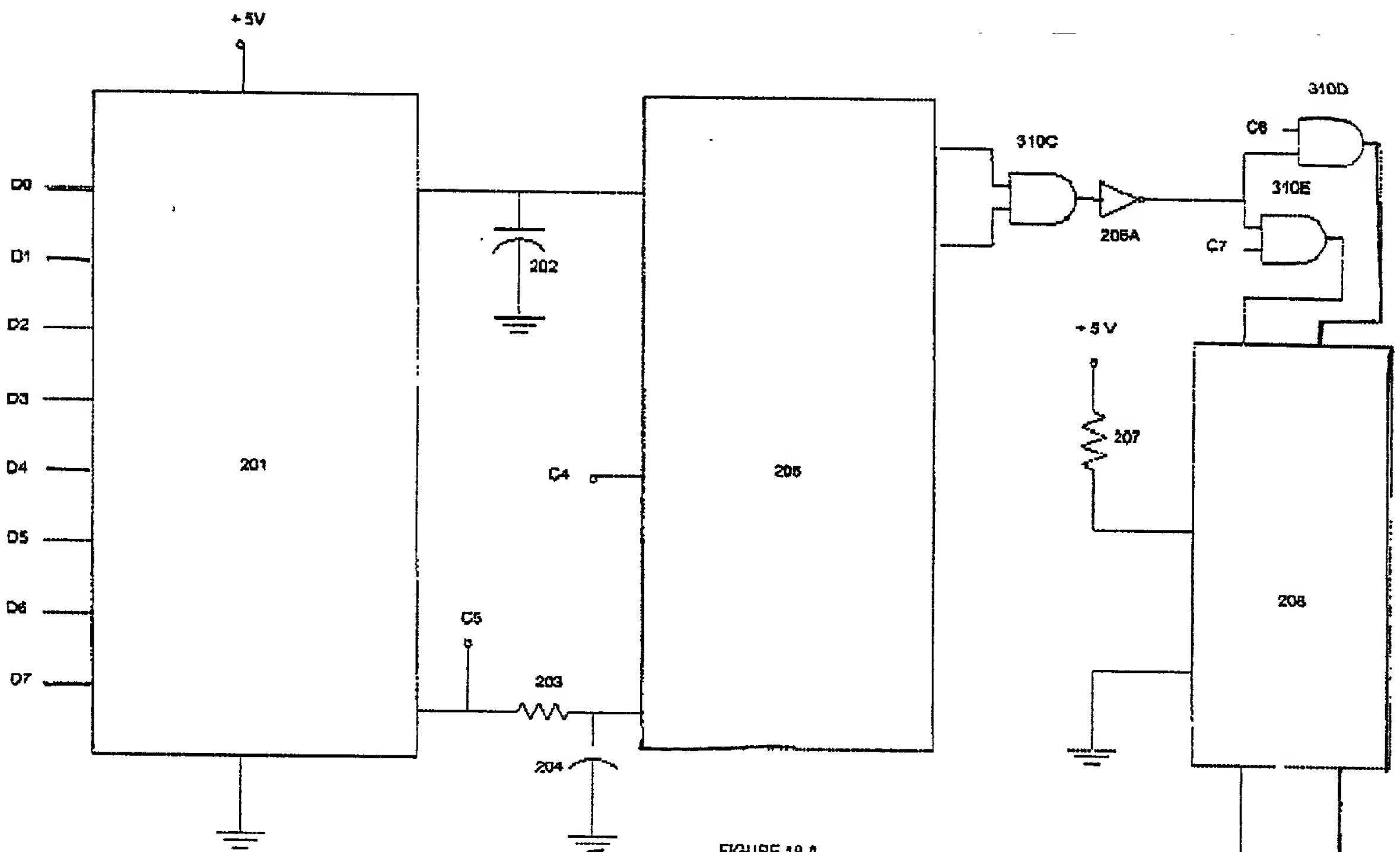


FIGURE 19 A

201 - 74HC166

202 - 390 uF

203 - 220

204 - 390 pF

205 - DS1630

206 - 74HCT04

207 - 330

208 - L293D

209 - MH1015T

210 - 5 V DC

211 - FUSE

212 - 2N2573

213 - 0.1 uF

214 - 10

215 - 220

216 - 1N5232

217 - 100uF

218 - 0.1 uF

219 - MAX736

220 - 100uH

221 - 1N5817

222 - 0.01 uF

223 - 0.01 uF

224 - 470 uF

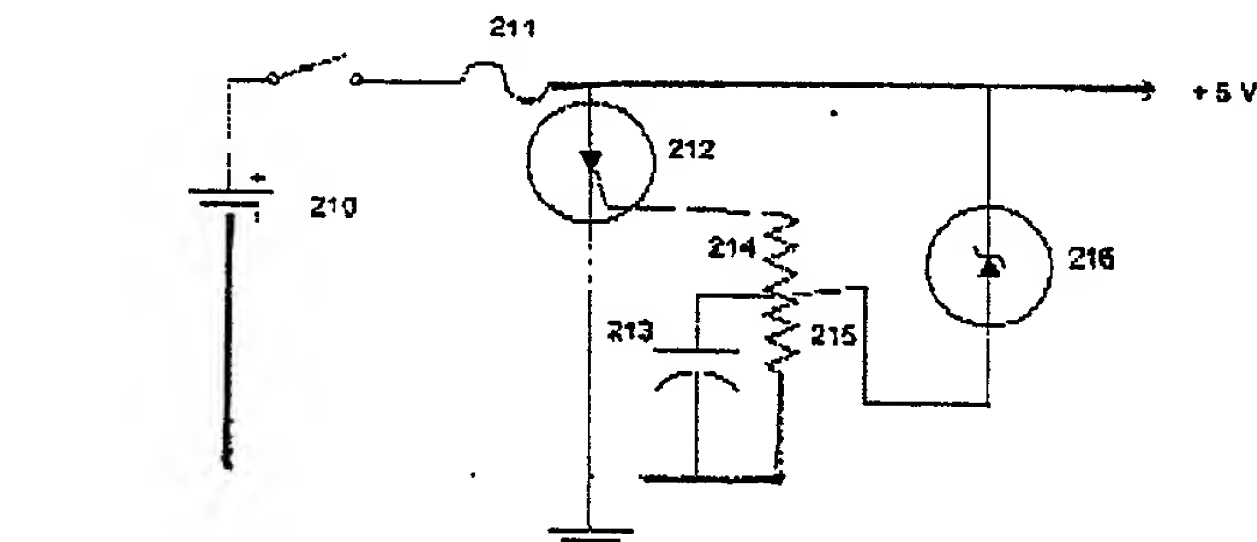


FIGURE 19 B

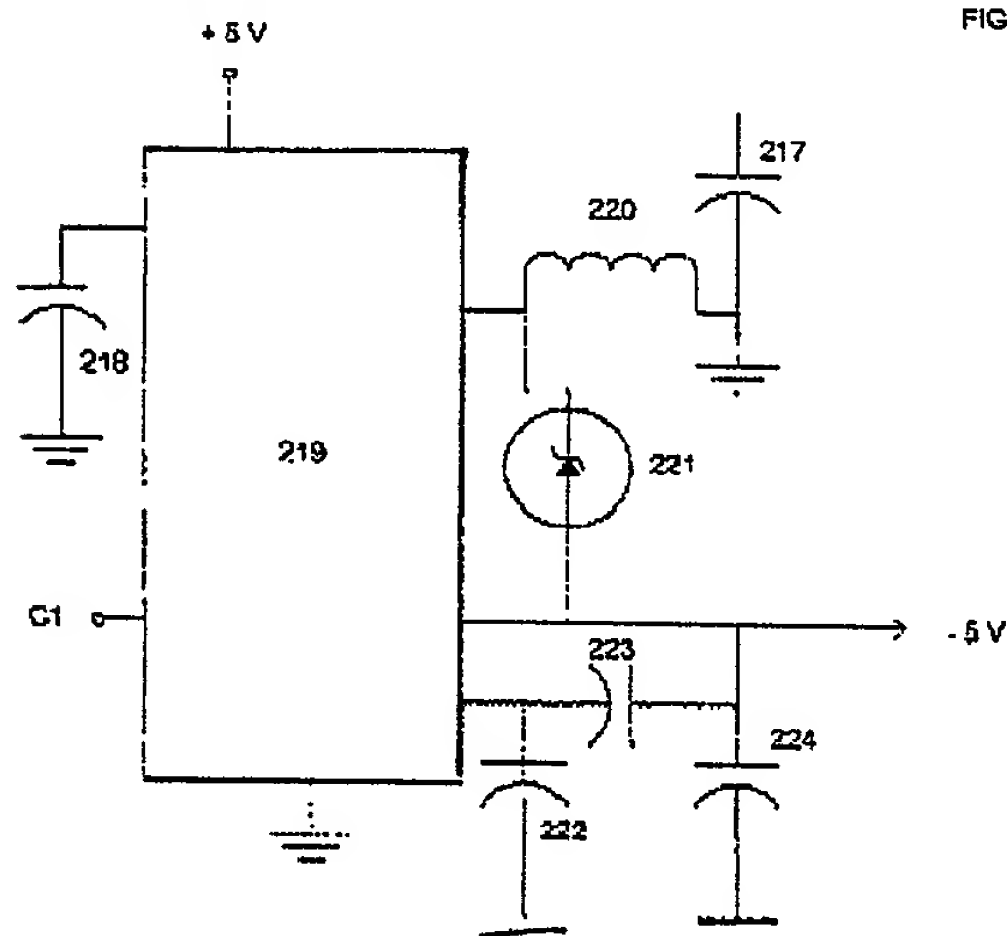


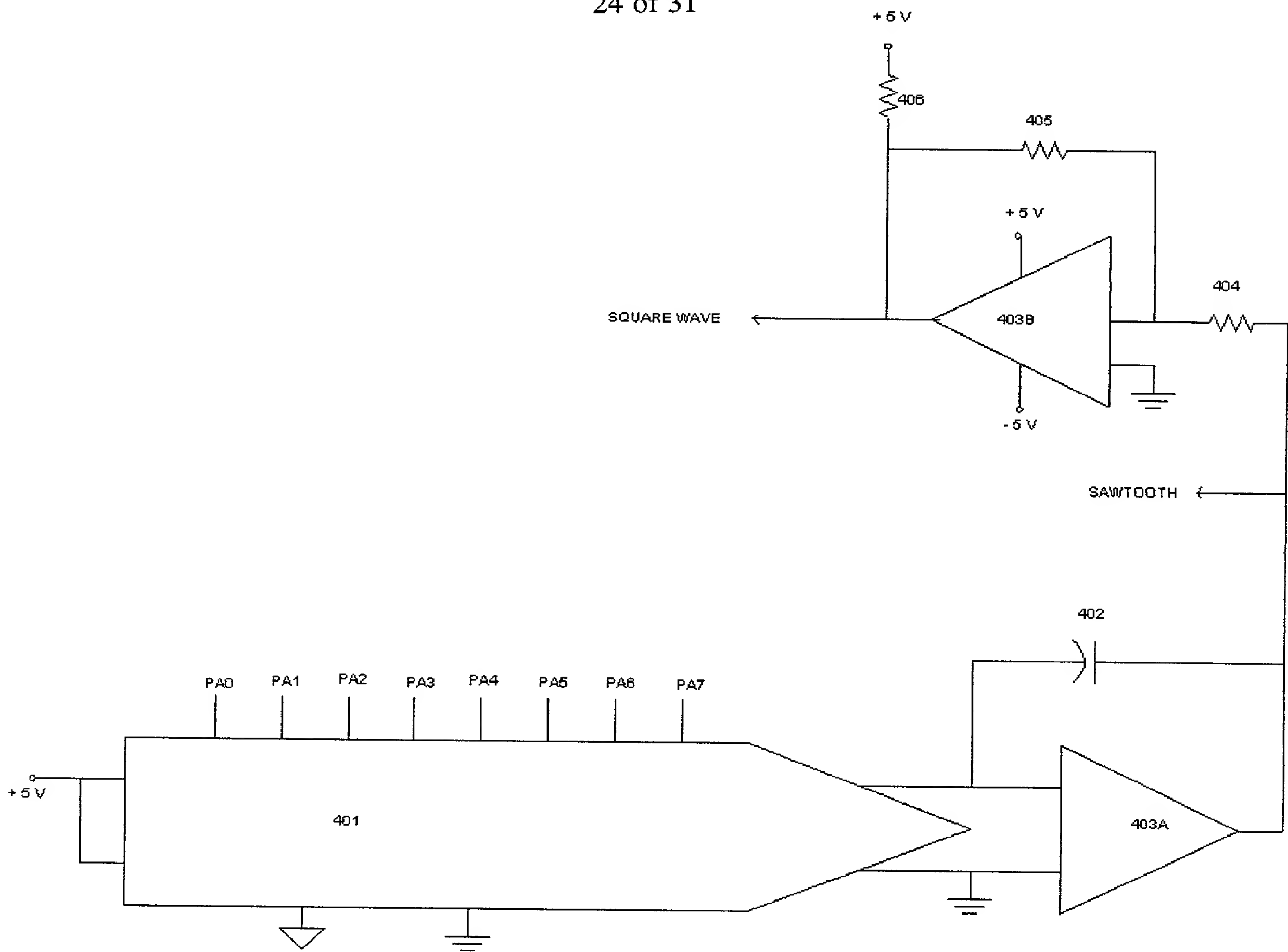
Figure 19 C

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401 - DAC0832

402 - 1.0  $\mu$ F

403 - LM392

404 - 100K

405 - 300K

406 - 2K

Figure 20



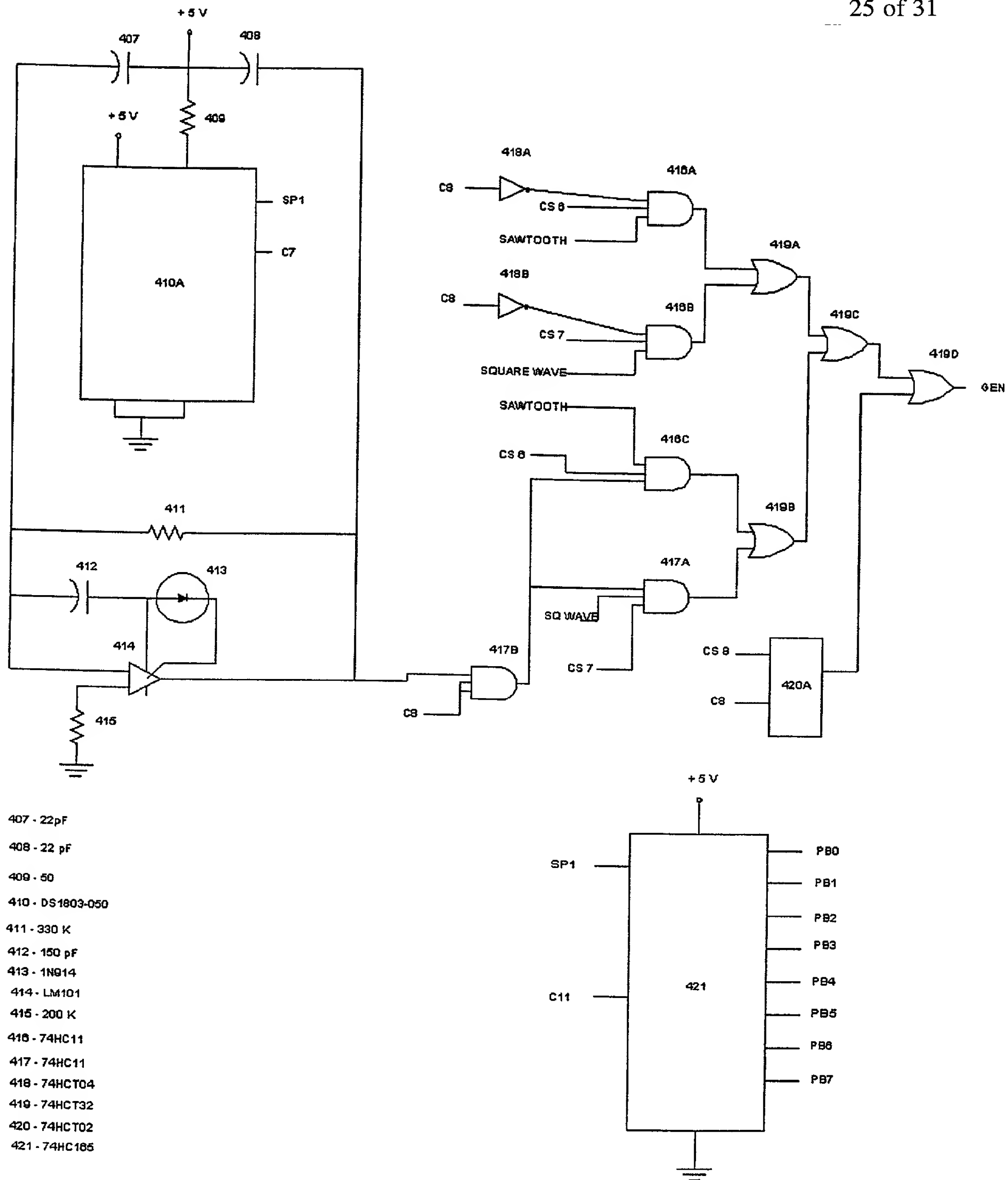


FIGURE 21

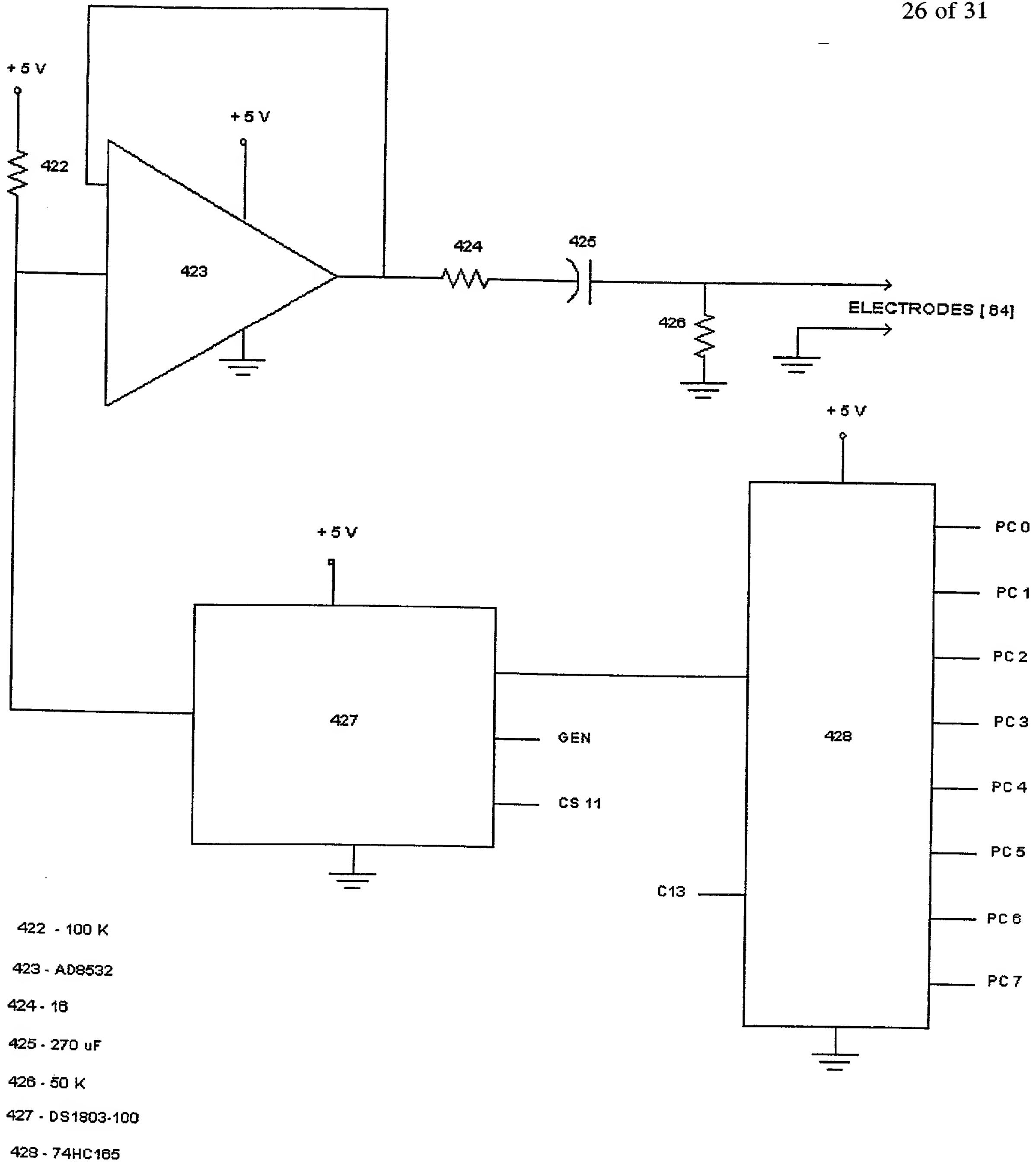
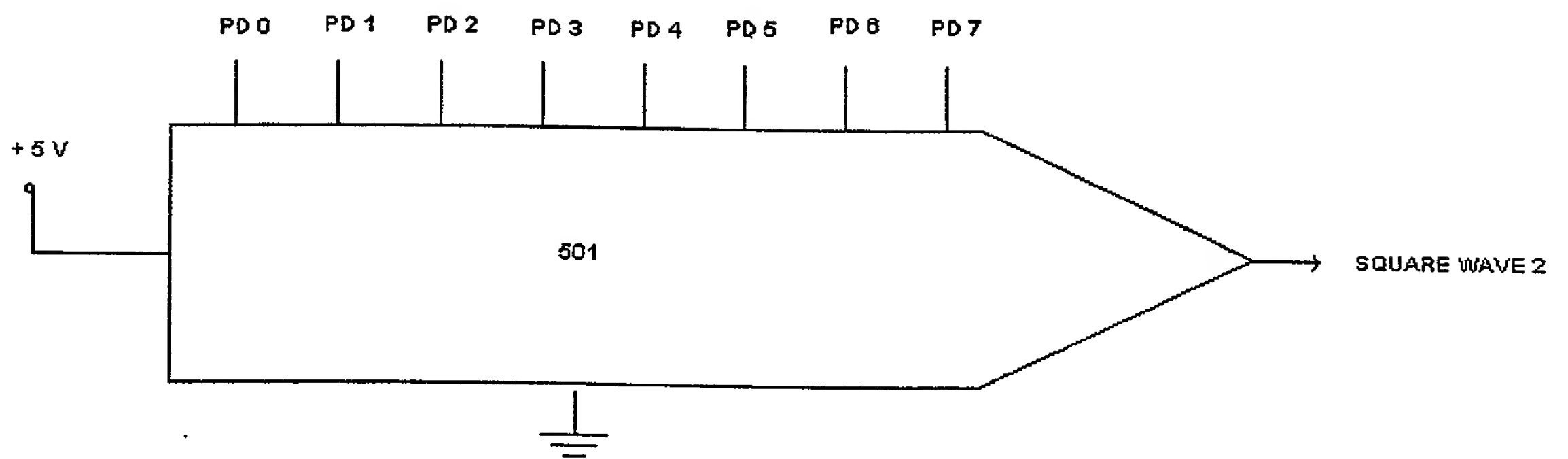


FIGURE 22



501 - DAC0832

FIGURE 23

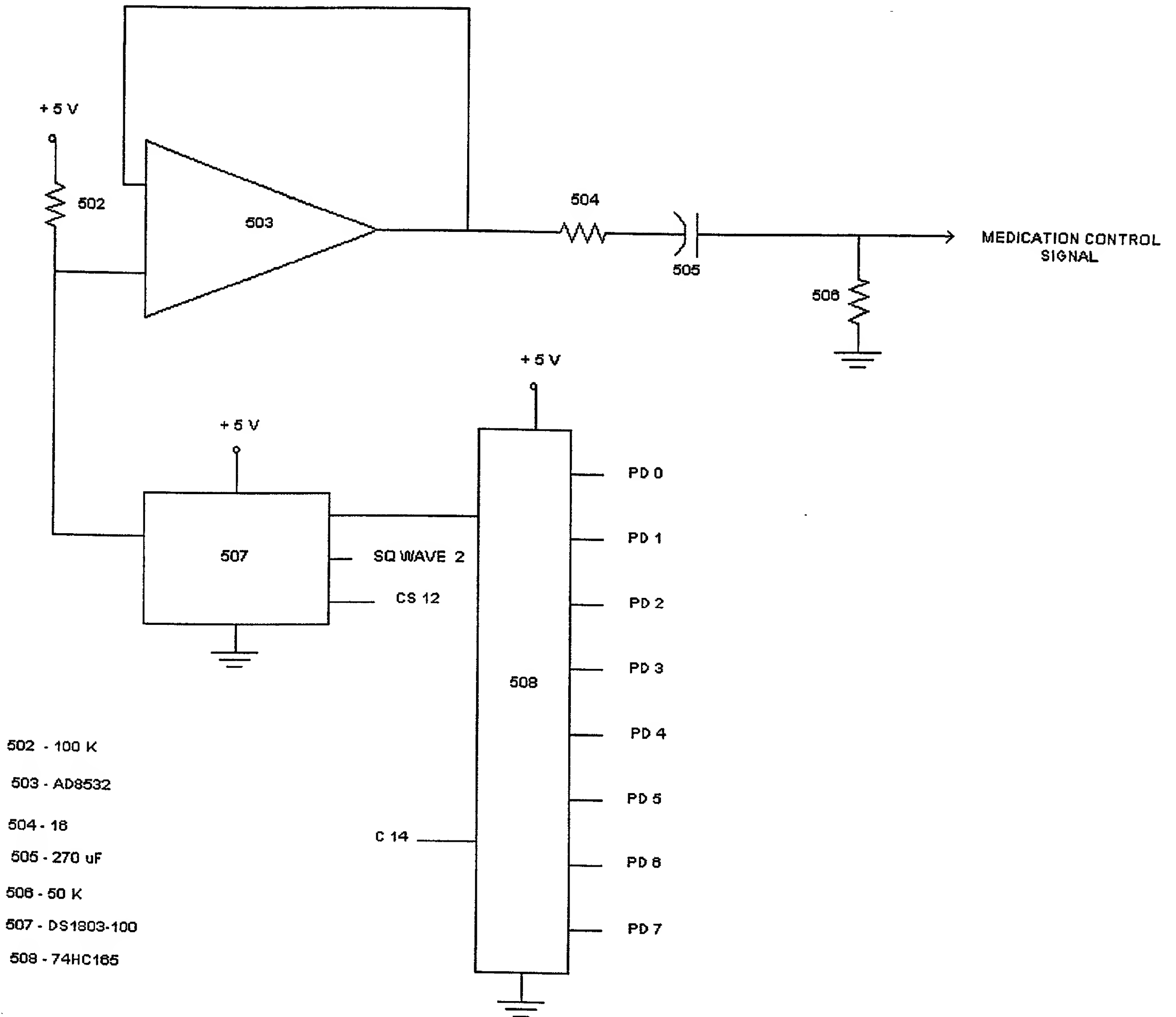
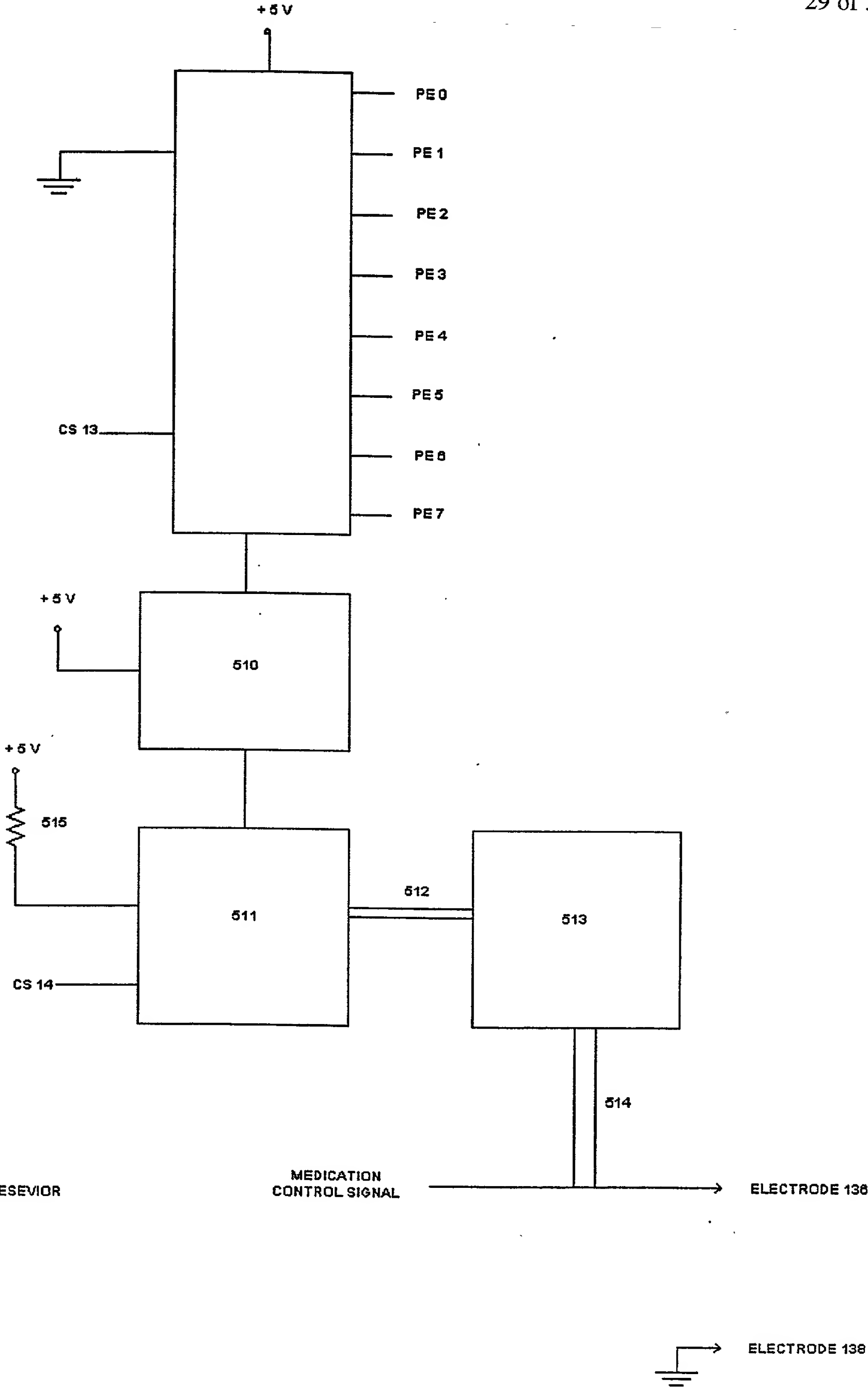


FIGURE 24



- 509 - 74HC185
- 510 - DS1803-100
- 511 - N930005043
- 512 - SHAFT
- 513 - MEDICATION RESEVIOR
- 514 - TUBING
- 515 - 300 K

FIGURE 25

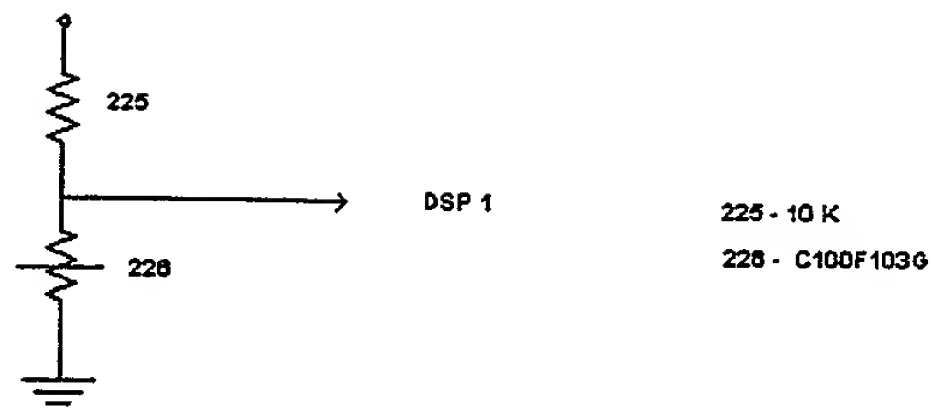


FIGURE 28 A

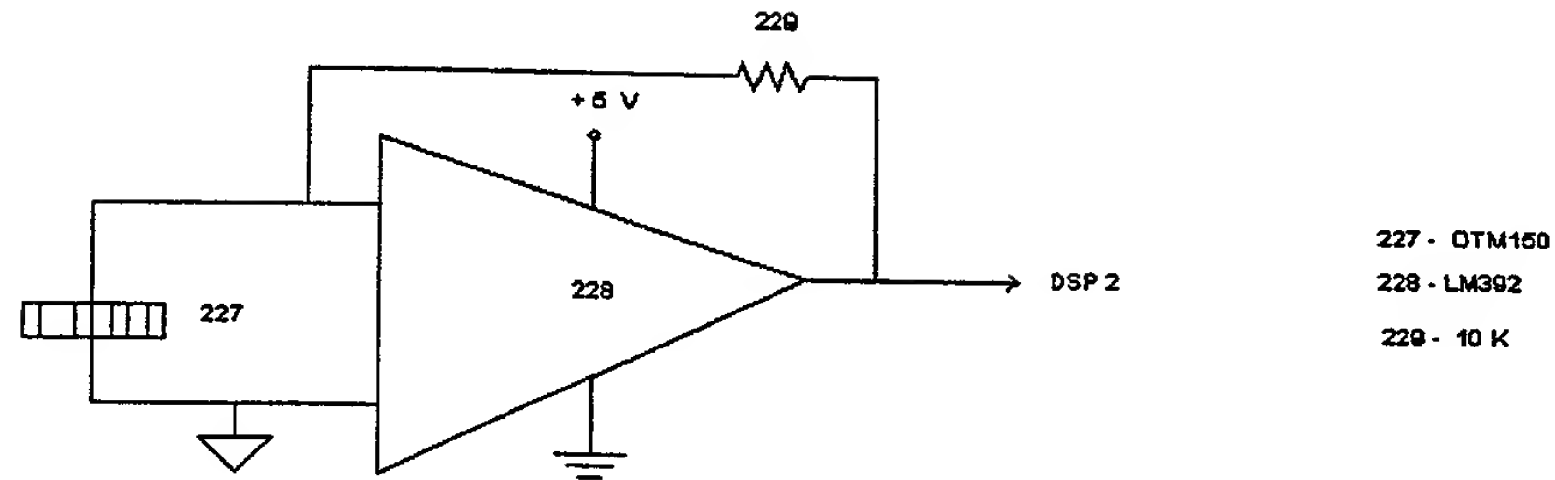


FIGURE 28 B

230 - OM4630  
231 - 2.2 K  
232 - 10uF  
233 - 10 k  
234 - LM387  
235 - 10 K  
236 - 10 K

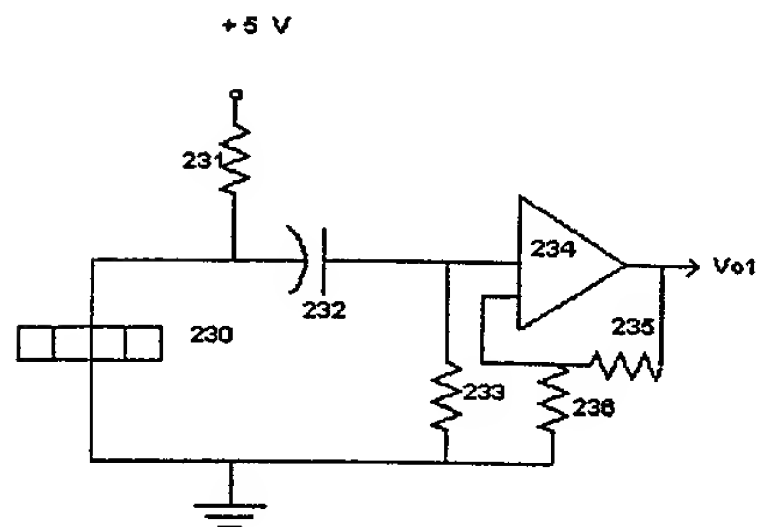


FIGURE 28 C

237 - 10 K  
238 - 100 K  
239 - 10 K  
240 - 100 K  
241 - LMF100

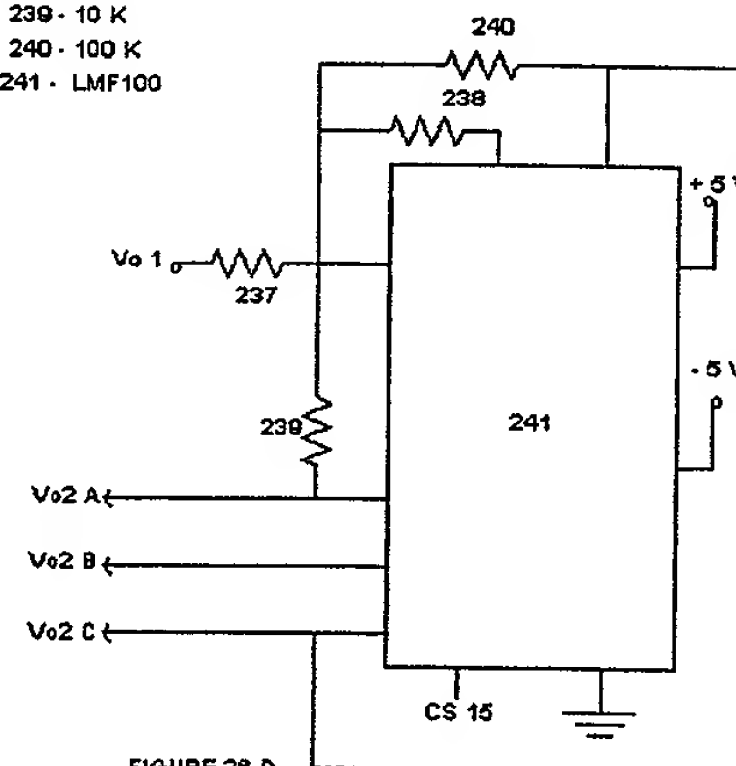


FIGURE 28 D

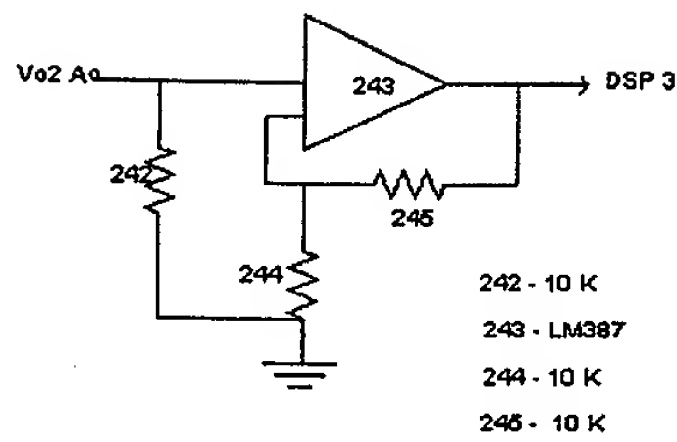


FIGURE 28 E

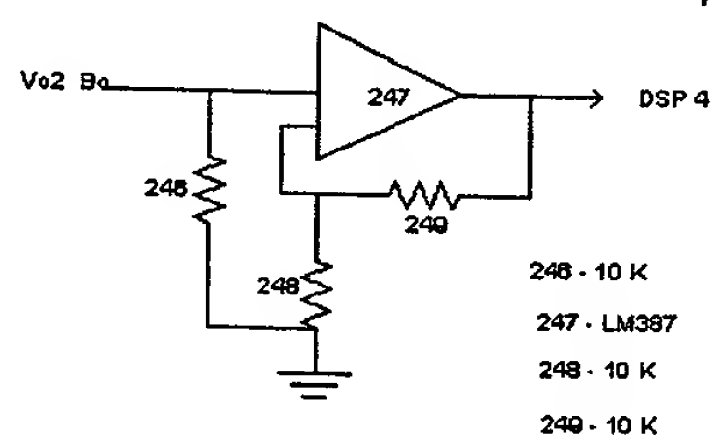


FIGURE 28 F

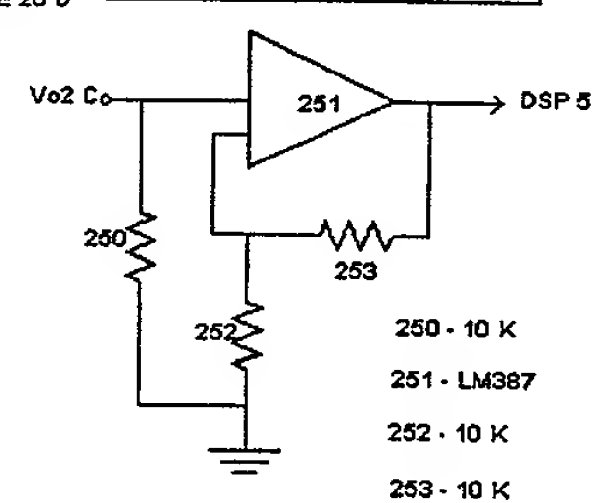


FIGURE 28 G

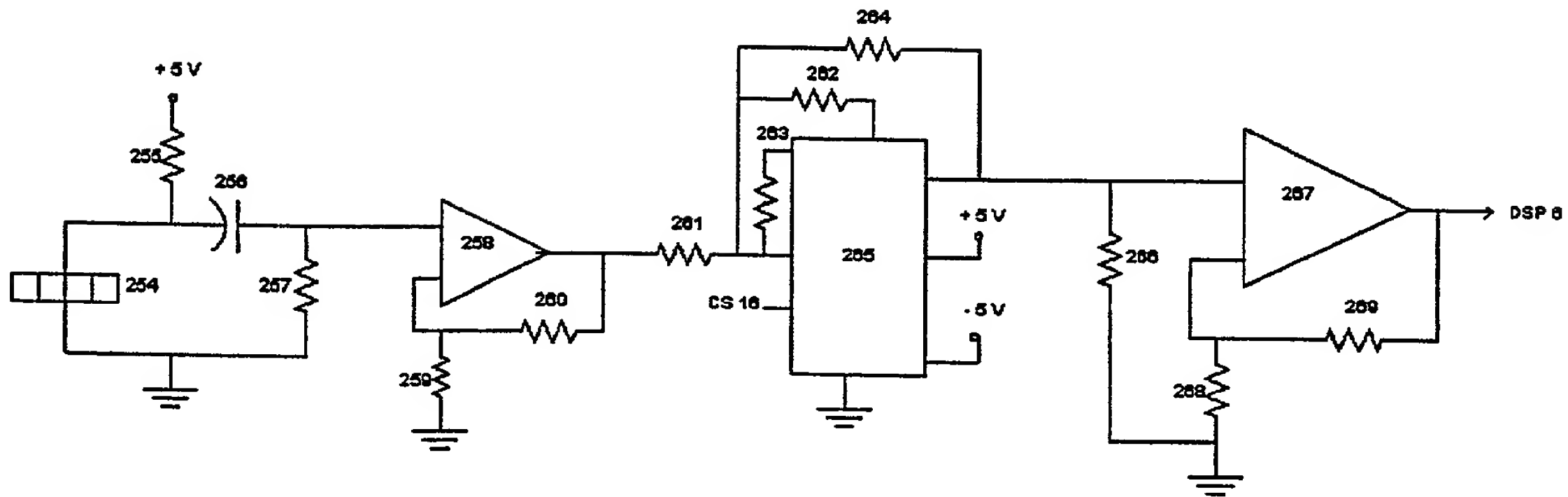


FIGURE 27 A

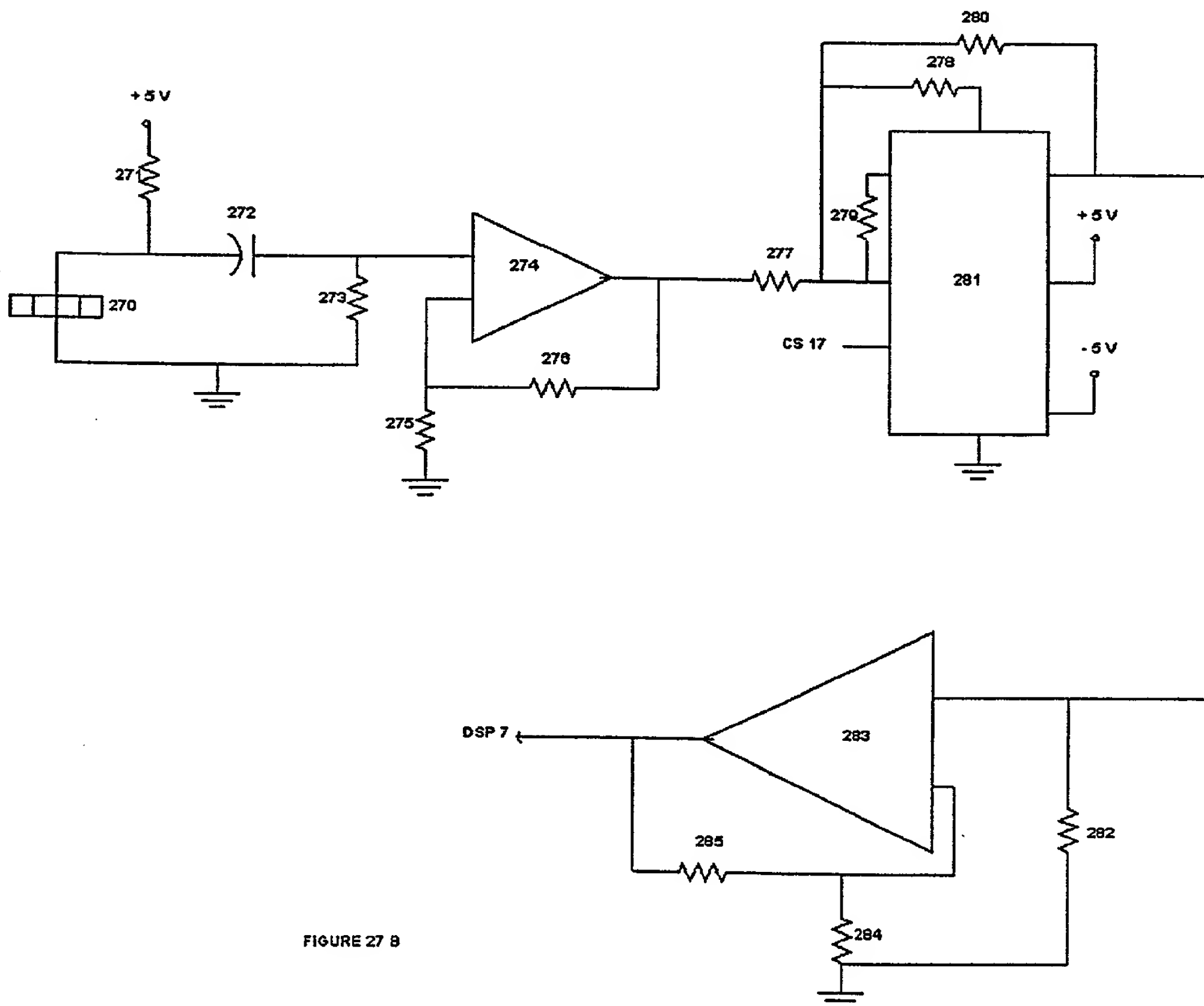


FIGURE 27 B